

Testing SEG bibliography from 30001 to 31001

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References

- Aal, A. A., Barkooky, A. E., Gerrits, M., Meyer, H., Schwander, M., and Zaki, H., 2000, Tectonic evolution of the Eastern Mediterranean Basin and its significance for hydrocarbon prospectivity in the ultradeepwater of the Nile Delta: The Leading Edge, **19**, 1086–1102.
- Abdelrahman, E. M., El-Araby, H. M., El-Araby, T. M., and Essa, K. S., 2002, A new approach to depth determination from magnetic anomalies: Geophysics, **67**, 1524–1531.
- Abdelrahman, E. M., El-Araby, T., El-Araby, H., and Abo-Ezz, E., 2001, A new method for shape and depth determinations from gravity data: Geophysics, **66**, 1774–1780.
- Abravets, S., 2002, Oil Pools in Devonian Deltas and Turbidite Deposits in the Pripyat Paleorift *in* 64th Mtg. Eur. Assn. Geosci. Eng., P058.
- Adler, F., 2002, Kirchhoff image propagation: Geophysics, **67**, 126–134.
- Ainsworth, R., 2002, Deltaic Sandbody Connectivity - Sequence Stratigraphic-based Insights from 3-D Reservoir Modeling Studies, Sunrise-Troubadour Fields, Australia *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1002.
- Al-Abry, N., Underhill, J., Davies, S., and Glover, B., 2002, Controls on Late Jurassic Magnus Sandstone Member Deposition, Northern North Sea - Evidence for a Radical New Re-Interpretation as an Axially-Derived Deep Water Clastic System *in* 64th Mtg. Eur. Assn. Geosci. Eng., G030.
- Al-Chalabi, M., 2001, The use of instantaneous velocity in uplift investigations: Geophys. Prosp., **49**, 645–655.
- Al-Ismaili, I., and Warner, M., 2002, Non-Linear Cross-Equalization of Time-Lapse Seismic Surveys Using Artificial Neural Networks *in* 64th Mtg. Eur. Assn. Geosci. Eng., P035.

- Al-Jadani, M., Sung, R., and Gregory, A., 2002, Integration and Seismic Reservoir Modeling of Carbonate Reservoirs in Abqaiq Field, Saudi Arabia *in* 64th Mtg. Eur. Assn. Geosci. Eng., F001.
- Albertin, U., Watts, D., Chang, W., Kapoor, S., Stork, C., Kitchenside, P., and Yingst, D., 2002, Improving Near-Salt-Flank Imaging with Shot-Profile Wavefield-Extrapolation Migration in the Gulf of Mexico *in* 64th Mtg. Eur. Assn. Geosci. Eng., A041.
- Aldana, M., Costanzo-Alvarez, V., and Diaz, M., 2003, Magnetic and mineralogical studies to characterize oil reservoirs in Venezuela: The Leading Edge, **22**, 526–529.
- Aldaz, R., and Martin, P., 2002, Earth-surface effects on the temperature distribution in the earth's crust due to magma intrusion: Geophysics, **67**, 1159–1168.
- Alerini, M., Begat, S. L., and Lambare, G., 2002, Extension of Stereotomography to 2D-Converted Waves - PS-Stereotomography *in* 64th Mtg. Eur. Assn. Geosci. Eng., F030.
- Aliyev, A., Aliyev, E., and Murtuzayev, I., 2002a, Mud Volcanism of South Caspian Basin - Important Tool to Predict Gas Potential of Deep Horizons *in* 64th Mtg. Eur. Assn. Geosci. Eng., P066.
- Aliyev, G., Aliyeva, E., and Veliyeva, S., 2002b, West flank of the Middle Caspian - Model of HC Formation and Accumulation in Meso-Cenozoic *in* 64th Mtg. Eur. Assn. Geosci. Eng., P068.
- Alkhalifah, T., 2002, Prestack Phase-Shift Migration of Separate Offsets in Laterally Inhomogeneous Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., A045.
- Almarza, J. A., Castro, J., Rojas, A., and Marin, R., 2002, Sand Channel Delineation with Multioffset VSP *in* 64th Mtg. Eur. Assn. Geosci. Eng., P016.
- Alsos, T., Eide, A., Hegstad, B., Najjar, N., Astratti, D., Doyen, P., and Psaila, D., 2002, From Qualitative to Quantitative 4D Seismic Analysis of the Gullfaks Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., A028.
- Ameglio, L., 2002, Dynamics of Felsic Intrusions Outlined by Geophysics *in* 64th Mtg. Eur. Assn. Geosci. Eng., D018.
- Amidzic, D., 2002, Integrated Rock Engineering Hazard Assessment - Current and Future *in* 64th Mtg. Eur. Assn. Geosci. Eng., D021.
- Aminzadeh, F., 2002, President's Page: The Leading Edge, **21**, 126.
- Aminzadeh, F., and de Groot, P., 2002, Interpretation of gas chimney volumes *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 440–443.
- Ampilov, I., Postnova, E., and Nikishkina, G., 2002, Methods of Economic Evaluation of Oil and Gas Resources in the South-Eastern European Part of Russia *in* 64th Mtg. Eur. Assn. Geosci. Eng., P234.

- Amundsen, L., and Holvik, E., 2002, Multidimensional Betti Deconvolution *in* 64th Mtg. Eur. Assn. Geosci. Eng., F026.
- Anderson, B., and Longacre, M., 2002, Comparison of a New Marine Magnetometer System to High-Resolution Aeromagnetic Data - a Case Study from Offshore Oman *in* 64th Mtg. Eur. Assn. Geosci. Eng., D007.
- Andreoletti, C., Bernasconiand, G., and Drufa, G., 2002, Bandwidth Migration with Fresnel Volumes *in* 64th Mtg. Eur. Assn. Geosci. Eng., P024.
- Annan, P., 2001, President's Page: The Leading Edge, **20**, 10.
- Anno, P., Wuenscher, M., Corbin, R., Hooper, J., and Chlumsky, F., 2002, Three-Dimensional Prestack Inversion, Lobo Trend, South Texas *in* 64th Mtg. Eur. Assn. Geosci. Eng., A014.
- Anstey, N., and O'Doherty, R., 2002a, Cycles, layers, and reflections: Part 1: The Leading Edge, **21**, 44–51.
- , 2002b, Cycles, layers, and reflections: Part 2: The Leading Edge, **21**, 152–158.
- de Araujo Santos, R., and Cora, C. G., 2002, 3D-Seismic Characterization of Thin and Heterogeneous Deep-Water Turbidite - Target-Oriented Multi-attribute Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., G027.
- Argyle, M., Ferguson, S., Sander, L., and Sander, S., 2000, AIRGrav results: a comparison of airborne gravity data with GSC test site data: The Leading Edge, **19**, 1134–1138.
- Aritman, B. C., 2001, Repeatability study of seismic source signatures: Geophysics, **66**, 1811–1817.
- Armstrong, T., Merlin, S., and Hawkins, K., 2002, Seismic Anisotropy from VSP - Pre-SDM in Pierce Field, Central North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., B031.
- Arns, C., Knackstedt, M. A., Pinczewski, W. V., and Garboczi, E. J., 2002, Computation of linear elastic properties from microtomographic images: Methodology and agreement between theory and experiment: Geophysics, **67**, 1396–1405.
- Arts, R., Eiken, O., Chadwick, A., Kirby, G., Ostmo, S., Zinszner, B., Elsayed, R., and van der Meer, L., 2002, Estimation of the Mass of Injected CO₂ at Sleipner Using Time-Lapse Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., H016.
- Asakawa, E., and Matsuoka, T., 2002, Traveltime-Based Raytracing for Multiples and Converted Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., P102.
- Audebert, F., Granger, P., Gerea, C., and Herrenschmidt, A., 2002, Can Joint PP and PS Velocity Analysis Manage to Corner d, the Anisotropic Depthing Parameter? *in* 64th Mtg. Eur. Assn. Geosci. Eng., A011.

- Audigane, P., Royer, J.-J., and Kaieda, H., 2002, Permeability characterization of the Soultz and Ogachi large-scale reservoir using induced microseismicity: *Geophysics*, **67**, 204–211.
- Auriault, J.-L., and Royer, P., 2002, Seismic waves in fractured porous media: *Geophysics*, **67**, 259–263.
- Avdeev, D., Kuvshinov, A., Pankratov, O., and Newman, G., 2002, Three-dimensional induction logging problems, Part I: An integral equation solution and model comparisons: *Geophysics*, **67**, 413–426.
- Avseth, P., van Wijngaarden, A.-J., Flesche, H., and Vagnes, E., 2002, AVO Depth Trends for Lithology and Pore Fluid Classification *in* 64th Mtg. Eur. Assn. Geosci. Eng., G019.
- van der Baan, M., and Kendall, J. M., 2002, Estimating anisotropy parameters and traveltimes in the t-p domain: *Geophysics*, **67**, 1076–1086.
- der Baan, M. V., Kendall, J., and Smit, D., 2001, Traveltimes, conversion points and parameter estimation in layered, anisotropic media *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 114–117.
- Badachhape, A., and Badachhape, A., 2002, A simple QC methodology for common seismic data and data loading problems, Or are your seismic data the best they can be? Part 2: Scaling issues: *The Leading Edge*, **21**, 58–60.
- Badal, J., Seron, F., Gomez, F., Dutta, U., and Biswas, N., 2002, Delineation of Soils by High-Frequency Rayleigh Waves and Spatial Prediction *in* 64th Mtg. Eur. Assn. Geosci. Eng., D026.
- Badri, M., Sayers, C., Awad, R., and Graziano, A., 2000, A feasibility study for pore-pressure prediction using seismic velocities in the offshore Nile Delta, Egypt: *The Leading Edge*, **19**, 1103–1108.
- Bahorich, M., 2000, The well-rounded petroleum geophysicist: *The Leading Edge*, **19**, 1300–1302.
- Bahorich, M. S., 2002, President's Page: *The Leading Edge*, **21**, 234.
- Bain, J., and Ceron, J., 2002, Airborne Gravity and Magnetics Interpretation of the Putumayo and Upper Magdalena Valley, Columbia *in* 64th Mtg. Eur. Assn. Geosci. Eng., D039.
- Bain, J., Millegan, P., Scherrer, E., Pearson, E., Schulz, S., and Mulcahy, S., 2002, 3D visualization applied to integrated modeling of seismic, gravity and magnetics in the Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 444–445.
- Baker, G. S., Steeples, D., and Schmeissner, C., 2002, The effect of seasonal soil-moisture conditions on near-surface seismic reflection data quality: *First Break*, **20**, 35–41.

- Bakulin, A., Grechka, V., and Tsvankin, I., 2002, Seismic inversion for the parameters of two orthogonal fracture sets in a VTI background medium: *Geophysics*, **67**, 292–299.
- Balanyuk, I., Dmitrievsky, A., Kaz'min, V., and Dongaryan, L., 2002, The Black Sea - Northwestern Part of Mediterranean Province - Geodynamic Analysis and Hydrocarbon Formation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P072.
- Balch, S., 2002, Exploration strategies for small high-grade Ni-Cu-PGE deposits *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 416–418.
- Balch, S. J., Boyko, W., and Paterson, 2003, The AeroTEM airvorne electromagnetic system: *The Leading Edge*, **22**, 562–566.
- Banchs, R., and Jimenez, J., 2002, Content Addressable Memories for Seismic Attribute Pattern Recognition *in* 64th Mtg. Eur. Assn. Geosci. Eng., G045.
- Banik, N., Banik, A., Wool, G., Schultz, G., Dutta, N., Marple, R., Casper, T., and Repar, N., 2002, Application of Anisotropy in Pore Pressure Prediction *in* 64th Mtg. Eur. Assn. Geosci. Eng., B037.
- Barbosa, V. C. F., Silva, J. B. C., and Medeiros, W. E., 2002, Practical applications of uniqueness theorems in gravimetry: Part II Pragmatic incorporation of concrete geologic information: *Geophysics*, **67**, 795–800.
- Bardan, V., 2002, Hexagonal Binning in 3D Seismic Data Acquisition *in* 64th Mtg. Eur. Assn. Geosci. Eng., P088.
- Barens, L., Williamson, P., Rowbotham, P., and Swaby, P., 2002, Joint Geostatistical Inversion of Time-Lapse Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., A022.
- Barkhouse, B., 2000, President' Page: *The Leading Edge*, **19**, 826.
- Barkved, O., Gaucher, E., Hornby, B., Kristiansen, T., and Maisons, C., 2002, Analysis of Seismic Recordings during Injection Using In-Well Permanent Sensors *in* 64th Mtg. Eur. Assn. Geosci. Eng., H002.
- Barnola, A.-S., and White, R. E., 2001, Gardner's relations and AVO inversion: First Break, **19**, 607–611.
- Basokur, A. T., and Candansayar, M. E., 2003, Enhancing VLF data for qualitative interpretation: An example of massive chalcopyrite exploration: *The Leading Edge*, **22**, 568–570.
- Bastani, M., Pedersen, L., and Kero, L., 2002, Interpolation of Magnetic Data Enhancing Linear Features *in* 64th Mtg. Eur. Assn. Geosci. Eng., D033.
- Bayliss, A., 2002, Introduction to this special section: A 20-year perspective on D&P geophysics from a geophysicist with 10 years of experience: *The Leading Edge*, **21**, 278–279.

- Beasley, C., 2001, President's Page: The Leading Edge, **20**, 1322.
- Bennett, K., Rusk, D., and Mohn, K., 2002, Structural Framework and Potential Hydrocarbon Plays in Offshore Sierra Leone and Liberia *in* 64th Mtg. Eur. Assn. Geosci. Eng., G008.
- Benyamin, N., 2002, Key elements of total seismic field design using MathematicaA tutorial: Geophysics, **67**, 1020–1027.
- Beretta, M. M., Bernasconi, G., and Drufuca, G., 2002, AVO and AVA inversion for fractured reservoir characterization: Geophysics, **67**, 300–306.
- Berge, T. B., Liaw, A., Osypov, K., Denham, D., Webb, S., and Abriel, B., 2002, GAC champions PCs for Student Sections: The Leading Edge, **21**, 206–208.
- Bergler, S., Chira, P., Mann, J., Vieth, K., and Hubral, P., 2002, Stacking Velocity Analysis with CRS Stack Attributes *in* 64th Mtg. Eur. Assn. Geosci. Eng., B003.
- Berkhout, A. J., and Verschuur, D., 2001, Seismic imaging beyond depth migration: Geophysics, **66**, 1895–1912.
- Bernasconi, G., 2002, Kirchhoff Depth Migration of 3D SWD Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P012.
- Berryman, J. G., Berge, P., and Bonner, B., 2002, Estimating rock porosity and fluid saturation using only seismic velocities: Geophysics, **67**, 391–404.
- Bertagne, A., 2000a, An Introduction to this Special Section: The Leading Edge, **19**, 1073.
- , 2000b, President's Page: The Leading Edge, **19**, 1052.
- Bevali, S., King, P., Templeton, G., and Reeder, M., 2002, Defining Lateral Velocity Variations to Improve Reservoir Mapping with New Seismic Measurements while Drilling, Leadon Field, UK *in* 64th Mtg. Eur. Assn. Geosci. Eng., B025.
- Bevc, D., Popovici, A. M., and Biondi, B., 2002, Will Internet seismic processing be the new paradigm for depth migration interpretation and visualization?: First Break, **20**, 168–172.
- Bhatt, A., Helle, H., and Ursin, B., 2002, Determination of Facies from Well Logs Using Modular Neural Networks *in* 64th Mtg. Eur. Assn. Geosci. Eng., P091.
- Bianchi, T., Cherel, L., Pagliccia, B., and Meunier, J., 2002, Six-Fold Simultaneous Vibratory Recording Experiment *in* 64th Mtg. Eur. Assn. Geosci. Eng., A003.
- Billette, F., Etgen, J., and Rietveld, W., 2002, The Key Practical Aspects of 3D Tomography - Data Picking and Model Representation *in* 64th Mtg. Eur. Assn. Geosci. Eng., B006.
- Biondi, B., 2002, Stable wide-angle Fourier finite-difference downward extrapolation of 3-D wavefields: Geophysics, **67**, 872–882.

- Biondi, B., Clapp, R., Prucha, M., and Sava, P., 2002, 3D Prestack Wave-Equation Imaging - a Rapidly Evolving Technology *in* 64th Mtg. Eur. Assn. Geosci. Eng., E027.
- Biver, P., Henrique, P., Vincent, G., Seguin, J., Umbhauer, F., and Pion, J., 2002, Phenomenological Models in Uncertainty Framework - a Way to Assess Local Recovery Factor Ranges of Large Scale Fields *in* 64th Mtg. Eur. Assn. Geosci. Eng., F013.
- Blacquiere, G., and Volker, A., 2002, Physical Modelling and Subsalt Illumination *in* 64th Mtg. Eur. Assn. Geosci. Eng., C044.
- Blanco, J., and Boisseau, J.-C., 2002, How to Calculate and to Interpret Uncertainties on Walkaway Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., B029.
- Blangy, J.-P., 2001, Quantitative evaluation of the geotechnical risk associated with a stratigraphic trap in the Neuqun Basin of Argentina: The Leading Edge, **20**, 1270–1281.
- , 2002, Target-oriented, wide-patch, 3-D seismic yields trap definition and exploration success in the sub-Andean thrust belt Devonian gas play, Tarija Basin, Argentina: The Leading Edge, **21**, 142–151.
- Bleistein, N., and Gray, S. H., 2001, From the Hagedoorn imaging technique to Kirchhoff migration and inversion: Geophys. Prosp., **49**, 629–643.
- Blood, M. F., 2001, Exploration for a frontier salt basin in Southwest Oman: The Leading Edge, **20**, 1252–1259.
- Bohidar, R. N., and Hermance, J. F., 2002, The GPR refraction method: Geophysics, **67**, 1474–1485.
- Bonora, M., Bland, C., Gibbs, D., and Price, S., 2002, The Application and Benefits of Structural Restoration from Exploration to Production *in* 64th Mtg. Eur. Assn. Geosci. Eng., G040.
- Borgos, H., Dahl, G., Skov, T., and Sonneland, L., 2002, Classification of Production Effects from 4D Seismic Surveys *in* 64th Mtg. Eur. Assn. Geosci. Eng., P227.
- van Borselen, R., 2002, Fast-Track, Data-Driven Interbed Multiple Removal - a North Sea Data Example *in* 64th Mtg. Eur. Assn. Geosci. Eng., F040.
- , 2003, Results from a study into the renewed role of academic consortia in E&P related R&D: The Leading Edge, **22**, 530–533.
- Bosch, M., Zamora, M., and Utama, W., 2002, Lithology discrimination from physical rock properties: Geophysics, **67**, 573–581.
- Bouabdallah, H., Bouchedda, A., Aissani, S., and Bensalem, R., 2002, Geophysical Multi-Parametric Survey in Sainte Salsa Archaeological Site, Tipasa, Algeria *in* 64th Mtg. Eur. Assn. Geosci. Eng., D044.

- Bowers, G. L., 2002, Detecting high overpressure: The Leading Edge, **21**, 174–177.
- Box, R., and Lowrey, P., 2003, Reconciling sonic logs with check-shot surveys: Stretching synthetic seismograms: The Leading Edge, **22**, 510–517.
- Bradford, J. H., 2002, Depth characterization of shallow aquifers with seismic reflection, Part I—The failure of NMO velocity analysis and quantitative error prediction: Geophysics, **67**, 89–97.
- Bradford, J. H., and Sawyer, D., 2002, Depth characterization of shallow aquifers with seismic reflection, Part II—Prestack depth migration and field examples: Geophysics, **67**, 98–109.
- Brandsberg-Dahl, S., Ursin, B., and de Hoop, M., 2002, Angle Tomography *in* 64th Mtg. Eur. Assn. Geosci. Eng., B022.
- Brandseter, I., McIlroy, D., Lia, O., and Ringrose, P., 2002, Integrated 3D Modelling of the Tidal Delta Lajas Outcrop, Argentina *in* 64th Mtg. Eur. Assn. Geosci. Eng., H034.
- Brittan, J., Widmaier, M., and Lima, J., 2002, Virtual Reality Quality Control in 4D Processing *in* 64th Mtg. Eur. Assn. Geosci. Eng., A023.
- Brittle, K. F., Lines, L. R., and Dey, A. K., 2001, Vibroseis deconvolution: a comparison of cross-correlation and frequency-domain sweep deconvolution: Geophys. Prosp., **49**, 675–686.
- Broadley, M., and Cleverly, R., 2000, Generating exploration leads in Libya from satellite data: The Leading Edge, **19**, 1080–1085.
- Brown, A. R., 2001, Calibrate yourself to your data! A vital first step in seismic interpretation: Geophys. Prosp., **49**, 729–733.
- Brown, R. J., Stewart, R. R., and Lawton, D. C., 2002, A proposed polarity standard for multicomponent seismic data: Geophysics, **67**, 1028–1037.
- Bruce, B., 2002, An Introduction to this Special Section: Pore Pressure: The Leading Edge, **21**, 169–170.
- Bruce, B., and Bowers, G., 2002, Pore pressure terminology: The Leading Edge, **21**, 170–173.
- Buia, M., Baldino, F., and Morandi, S., 2002, Thrust Belts Exploration - Limits of the Conventional Approach and Recent Innovation Efforts. The ESIT Project: Aims and Results *in* 64th Mtg. Eur. Assn. Geosci. Eng., E033.
- Bulant, P., 2002, Smoothing 2D Model Pluto 1.5 for Ray Tracing Using Sobolev Scalar Products *in* 64th Mtg. Eur. Assn. Geosci. Eng., C023.
- Butler, J. C., 2000, The gap between learners is decreasing: The Leading Edge, **19**, 996–998.

- Byun, J., III, J. W. R., and Nemeth, T., 2002, Postmap migration of crosswell reflection seismic data: *Geophysics*, **67**, 135–146.
- Calabro, R., Buonaguro, R., Carpi, R., Perotti, C., and Zucca, F., 2002, The Structural Setting of the Zagros in the Murin Area, Iran, from Seismic and Satellite Images Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., E050.
- Caldwell, J., 2000, An introduction to these special sections: Effect of air guns on marine mammals: *The Leading Edge*, **19**, 860.
- , 2002, Does air-gun noise harm marine mammals?: *The Leading Edge*, **21**, 75–78.
- Caldwell, J., and Dragoset, B., 2000, A brief overview of seismic air-gun arrays: *The Leading Edge*, **19**, 898–902.
- Calvert, R., Hatchell, P., and Jones, C., 2002, 4D Acquisition Geometry Requirements and QA *in* 64th Mtg. Eur. Assn. Geosci. Eng., A017.
- Cambois, G., 2000, Can P-wave AVO be quantitative?: *The Leading Edge*, **19**, 1246–1251.
- Campbell, S., Campbell*, S., Pramik, W., and Cafarelli, W., 2002, Comparative Sub-Salt Illumination Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., C041.
- Campman, X., and Herman, G., 2002, A 3D Imaging Approach to Short-Wavelength Statics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P023.
- Carcione, J., 2002, Rock Rheology and Wave Simulation *in* 64th Mtg. Eur. Assn. Geosci. Eng., E011.
- Carcione, J. M., and Cavallini, F., 2002, Poisson's ratio at high pore pressure: *Geophys. Prosp.*, **50**, 97–106.
- Carcione, J. M., Herman, G. C., and ten Kroode, A. P. E., 2002, Seismic modeling: *Geophysics*, **67**, 1304–1325.
- Cardamone, M., and Ciurlo, B., 2002, Some Processing Constraints and an Interpretative Calibration of Seismic Pre-Stack Amplitudes to Make AVO Analysis More Reliable *in* 64th Mtg. Eur. Assn. Geosci. Eng., G012.
- Cardarelli, E., and Cerreto, A., 2002, Ray tracing in elliptical anisotropic media using the linear travelttime interpolation (LTI) method applied to travelttime seismic tomography: *Geophys. Prosp.*, **50**, 55–72.
- Carr, M., Cooper, R., Smith, M., Taner, M., and Taylor, G., 2001, The generation of a rock and fluid properties volume via the integration of multiple seismic attributes and log data: *First Break*, **19**, 567–571.
- Carrillat, A., Randen, T., Sonneland, L., and Elvebakk, G., 2002, Seismic Stratigraphic Mapping of Carbonate Mounds Using 3D Texture Attributes *in* 64th Mtg. Eur. Assn. Geosci. Eng., G041.

- Cartwright, J., and Hall, B., 2002, High Resolution Kinematics of Growth Faults from the Eastern Mediterranean Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., H032.
- Caselgrandi, E., Marchini, F., and Ghedidha, M., 2002, Modelling of Fracture Permeability in Bouri Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., P078.
- Castagna, J., 2000a, An introduction to this special section: AVO—the next step: The Leading Edge, **19**, 1187.
- Castagna, J. P., 2000b, The next (snake) oil boom and birth of the new species Lupus Geophysicus: A note of fatherly advice to geophysics students everywhere: The Leading Edge, **19**, 981–982.
- Castoro, A., White, R., and Thomas, R., 2001, Thin-bed AVO: Compensating for the effects of NMO on reflectivity sequences: *Geophysics*, **66**, 1714–1720.
- Catalano, R., Doglioni, C., Merlini, S., and Sulli, A., 2002, The Subduction of the Ionian Crust and the Outer Calabrian Accretionary Wedge *in* 64th Mtg. Eur. Assn. Geosci. Eng., H029.
- Cazzola, L., Arienti, M., Bonomi, E., and Cardone, G., 2002, Amplitude-Preserving Monte Carlo 3D Prestack Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., B009.
- Ceragioli, E., Morandi, S., Buia, M., and Mezzadra, G., 2002, ESIT Project - Analysis of Conventional Offsets Seismic Data - How to Evaluate Acquisition Parameters and Optimize Seismic Data Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., E036.
- Chalard, E., Podvin, P., Bgat, S. L., Berhet, P., and David, B., 2002, 3D Stereotomographic Inversion on Real Data Set *in* 64th Mtg. Eur. Assn. Geosci. Eng., B008.
- Chang, P., Brainard, J., Hall, L., and Alumbaugh, D., 2002a, Using cross borehole ground penetrating radar attenuation tomography for characterizing soil properties in the vadose zone during a two-stage infiltration test *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1563–1566.
- Chang, T., Kue, C.-W., Canales, L., and Shih, C.-C., 2002b, Model-Based Attribute Analysis for AVO and Prestack Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., G009.
- Chang, X., Liu, Y., Wang, H., Li, F., and Chen, J., 2002c, 3-D tomographic static correction: *Geophysics*, **67**, 1275–1285.
- Chang, Y.-F., and Chang, C.-H., 2001, Laboratory results for the features of body-wave propagation in a transversely isotropic media: *Geophysics*, **66**, 1921–1924.
- Chapman, M., 2002, Frequency Dependent Anisotropy Due to Meso-Scale Fractures with Equant Porosity *in* 64th Mtg. Eur. Assn. Geosci. Eng., P033.
- Chapman, N. R., Gettrust, J. F., Walia, R., Hannay, D., Spence, G. D., Wood, W. T., and Hyndman, R. D., 2002, High-resolution, deep-towed, multichannel seismic survey of deep-sea gas hydrates off western Canada: *Geophysics*, **67**, 1038–1047.

- Chauris, H., Noble, M. S., Lambare, G., and Podvin, P., 2002a, Migration velocity analysis from locally coherent events in 2-D laterally heterogeneous media, Part I: Theoretical aspects: *Geophysics*, **67**, 1202–1212.
- , 2002b, Migration velocity analysis from locally coherent events in 2-D laterally heterogeneous media, Part II: Applications on synthetic and real data: *Geophysics*, **67**, 1213–1224.
- Chavestes, and Hill, 2001, Lithology and fluid type determination in Tertiary clastic reservoirs through elastic rock properties estimation: *First Break*, **19**, 571–574.
- Chemingui, N., and Biondi, B., 2002, Seismic data reconstruction by inversion to common offset: *Geophysics*, **67**, 1575–1585.
- Chen, L., and Wu, R.-S., 2003, Directional Illumination and Acquisition Dip-Response in 65th Mtg. Eur. Assn. Geosci. Eng., P147.
- Chen, Y. H., and Oristaglio, M., 2002, A modeling study of borehole radar for oil-field applications: *Geophysics*, **67**, 1486–1494.
- Chenault, L. M., 2000, Public image: Does it matter?: *The Leading Edge*, **19**, 1322–1323.
- Cheremisin, N., Sonich, V., Efimov, P., Minchenkov, N., and Kharlamov, K., 2002, The 4D Seismics Discrimination for Not Overcompacted Reservoirs in 64th Mtg. Eur. Assn. Geosci. Eng., P237.
- Cheryauka, A., and Sato, M., 2002, Directional induction logging for evaluating layered magnetic formations: *Geophysics*, **67**, 427–437.
- Chimblo, R. D., 2000, Who's going to do our research?: *The Leading Edge*, **19**, 1311–1313.
- Chopra, S., 2002, Coherence cube and beyond: *First Break*, **20**, 27–33.
- Christensen, N., 2002, A generic 1-D imaging method for transient electromagnetic data: *Geophysics*, **67**, 438–447.
- Christie, M., MacBeth, C., and Subbey, S., 2002, Multiple history-matched models for Teal South: *The Leading Edge*, **21**, 286–289.
- Chu, D., Eastwood, J., Matteucci, G., Araujo, F., Stone, W., and Burner, S., 2002, Integrated seismic reservoir characterization at Mobile Bay Field, Gulf of Mexico in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 434–436.
- Cippitelli, G., and Bergamaschi, A., 2002, The Deep Jonian Sea - a Future Challenge for Hydrocarbon Exploration in 64th Mtg. Eur. Assn. Geosci. Eng., P076.
- Clark, D., 2000a, Cost-effective acquisition of land seismic data: Can it be done?: *The Leading Edge*, **19**, 846–848.

- , 2000b, Whither geophysical technology? The views of the vendors: *The Leading Edge*, **19**, 862–873.
- , 2002, TLE is 20: *The Leading Edge*, **21**, 8–10.
- Clausen, C., Gauer, P., Sylte, J., and Boisse, L., 2002, Building Geological Models of a Compacting Reservoir *in* 64th Mtg. Eur. Assn. Geosci. Eng., F003.
- Co., S. S. S. P., Chauris, H., Lambare, G., and Noble, M. S., 2001, Common-angle migration: A strategy for imaging complex media: *Geophysics*, **66**, 1877–1894.
- Coetzee, H., Wade, P., and Winde, F., 2002, Understanding Environmental Geophysical Anomalies - an Interdisciplinary case Study from the West Rand *in* 64th Mtg. Eur. Assn. Geosci. Eng., D024.
- van de Coevering, N., and Safar, M., 2002, Zero-Phasing Seismic Data without Wells - Revisited *in* 64th Mtg. Eur. Assn. Geosci. Eng., C013.
- Cohen, G., and Fauqueux, S., 2002, 3D Elastic Modeling with Mass-Lumped Mixed Finite Elements *in* 64th Mtg. Eur. Assn. Geosci. Eng., E014.
- Coleou, T., 2002, Time-Lapse Filtering and Improved Repeatability with Automatic Factorial Co-Kriging, AFACK *in* 64th Mtg. Eur. Assn. Geosci. Eng., A018.
- Colletta, B., Piron, E., Marchal, D., and Moretti, I., 2002, Gravitational Folds and Compressional Structures Related with Normal Faults in the Suez Rift *in* 64th Mtg. Eur. Assn. Geosci. Eng., P073.
- Coman, R., and Gajewski, D., 2002, Wavefront-Oriented Ray Tracing with Optimal Ray Density *in* 64th Mtg. Eur. Assn. Geosci. Eng., C020.
- Cominelli, A., Seymour, R., Stradiotti, A., and Waggoner, J., 2002, Integrating Time-Lapse Data in the History Match of a Gas-Condensate Reservoir *in* 64th Mtg. Eur. Assn. Geosci. Eng., A030.
- Connolly, P., Schurter, G., Davenport, M., and Smith, S., 2002, Estimating Net Pay for Deep Water Turbidite Channels Offshore Angola *in* 64th Mtg. Eur. Assn. Geosci. Eng., G028.
- Cooper, G., 2002a, The Fixed Point Inversion Method Applied To Gravity Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., D003.
- , 2002b, A New Method for the Semi-Automatic Interpretation of Geophysical Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., D009.
- Coperude, S. P., and Coperude, S. P., 2002, Effect of the Endangered Species Act on geophysical exploration in the United States: *The Leading Edge*, **21**, 70–71.
- Corbeanu, R., McMechan, G. A., Szerbiak, R. B., and Soegaard, K., 2002, Prediction of 3-D fluid permeability and mudstone distributions from ground-penetrating radar (GPR) attributes: Example from the Cretaceous Ferron Sandstone Member, east-central Utah: *Geophysics*, **67**, 1495–1504.

- Corradi, A., Barberis, A., Daturi, C., and Grigo, D., 2002, 3D Probabilistic Petroleum System Evaluation in a Deep Water Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., G004.
- Correa, G., Spiegelman, M., Carbotte, S., and Mutter, J. C., 2002, Centered and staggered Fourier derivatives and Hilbert transforms: *Geophysics*, **67**, 1558–1563.
- Cotton, R., Disiena, J., Henry, S., and Mills, J., 2000, CE becomes ec, or continuing education for 21st century geoscientists: *The Leading Edge*, **19**, 994–995.
- Crampin, S., 2003, The new geophysics: Shear-wave splitting provides a window into the crack-critical rock mass: *The Leading Edge*, **22**, 536–549.
- Cristini, P., and de Bazelaire, E., 2002, Principles of Signal Based Ray Tracing for 2D and 3D Complex Tectonics *in* 64th Mtg. Eur. Assn. Geosci. Eng., C018.
- Cronin, B., Celik, H., Hurst, A., Dellamonica, X., Rocchini, P., and Spadini, G., 2002a, Low Net - Gross Canyon-Fill with Coarse-Grained Deep-Water Channel Elements, Baskil, Elazig, Eastern Turkey - Analogues for Offshore West Africa *in* 64th Mtg. Eur. Assn. Geosci. Eng., P056.
- Cronin, B., Spadini, G., Rocchini, P., and Hurst, A., 2002b, Merging High-Resolution, Modern Deep-Water Data Sets with West Africa Subsurface Data to Validate Sand Body Geometry and Reservoir Facies Distribution *in* 64th Mtg. Eur. Assn. Geosci. Eng., G029.
- Curtis, A., Combee, L., and Olafsen, W., 2002a, Active Streamer Positioning - in Action *in* 64th Mtg. Eur. Assn. Geosci. Eng., P087.
- Curtis, A., and Maurer, H., 2000, Optimizing the design of geophysical experiments: Is it worthwhile?: *The Leading Edge*, **19**, 1058–1062.
- Curtis, A., and Robertsson, J. O. A., 2002, Volumetric wavefield recording and wave equation inversion for near-surface material properties: *Geophysics*, **67**, 1602–1611.
- Curtis, A., Stoughton, D., Hill, D., Ratcliffe, J., and Hartnett, T., 2002b, Calibration of Depth Imaged Seismic Data Using an Interval Velocity Scaling Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., B004.
- Czerwinski, T., Florek, R., Klitynski, W., Wojdyla, M., and Zacharski, J., 2003, Study of the Carpathian Flysch Cover and its Basement Based on Continuous MT Profiling *in* 65th Mtg. Eur. Assn. Geosci. Eng., P151.
- Dahlin, T., Bernstone, C., and Loke, M. H., 2002, A 3-D resistivity investigation of a contaminated site at Lernacken, Sweden: *Geophysics*, **67**, 1692–1700.
- Dai, H., and Li, X.-Y., 2002, Sensitivity Analysis of Migration Velocities for P-S Converted Wave (C-wave) Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., P008.
- Dai, N., Willacy, C., and Sun, Y., 2002, An Adaptive Phase Shift and SSFPI Method for Prestack Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., E032.

- Dam, R. V., Nichol, S., Augustinus, P., Parnell, K., Hosking, P., and McLean, R. F., 2002a, Radar stratigraphy of large active dunes on a coastal spit, Parengarenga Harbour, New Zealand: A first assessment *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1543–1546.
- Dam, R. V., Schlager, W., Dekkers, M., and Huisman, J., 2002b, Iron oxides as a cause of GPR reflections: *Geophysics*, **67**, 536–545.
- Danbom, S., and Danbom, S., 2002, Environmental geophysics - discussing the differences behind Near-Surface Geophysics: *The Leading Edge*, **21**, 65–66.
- Dancer, P., 2002, The Corrib Field - Changes in Structural Interpretation through 2D, 3D and PreSDM Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., G033.
- David, C., Ioan, G., Ionescu, L., and Lacatusu, B., 2002, A Detailed Magnetotelluric Survey for Deep Gas Structure Frasin, Romania *in* 64th Mtg. Eur. Assn. Geosci. Eng., E049.
- Davies, K., 2002, Including Parameter Uncertainty in AVA Prediction *in* 64th Mtg. Eur. Assn. Geosci. Eng., G018.
- DeAngelo, M. V., and Wood, L. J., 2001, 3-D seismic detection of undrilled prospective areas in a mature province, South Marsh Island, Gulf of Mexico: *The Leading Edge*, **20**, 1282–1288.
- van Dedem, E., and Verschuur, D., 2001, 3-D surface multiple prediction using sparse inversion *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1285–1288.
- Deen, T., and Gohl, K., 2002, 3-D tomographic seismic inversion of a paleochannel system in central New South Wales, Australia: *Geophysics*, **67**, 1364–1371.
- Deighan, A., Crook, H., and Blow, R., 2002, Imaging the Unimaginable *in* 64th Mtg. Eur. Assn. Geosci. Eng., B020.
- Delhomme, J.-P., Charara, M., Manin, Y., Tartaras, E., and Eberele, N., 2002, Coupling Electrical, Seismic and Pressure Sensor Arrays for Effective Reservoir Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., H004.
- Dell'Aversana, P., Morandi, S., Colombo, D., and Buia, M., 2002, Time-Depth Processing of Global Offset Data - a New Perspective for Seismic Imaging in Thrust Belt *in* 64th Mtg. Eur. Assn. Geosci. Eng., E035.
- Dellinger, J., Clarke, R., and Gutowski, P., 2002, Three-Dimensional Vector Infidelity Correction by General Linear Transform *in* 64th Mtg. Eur. Assn. Geosci. Eng., E005.
- Delprat-Jannaud, F., 2003, Wavefield Decomposition Approach Upgraded for an Application to Multiple Removal *in* 65th Mtg. Eur. Assn. Geosci. Eng., P149.
- Denisov, M., and Finikov, D., 2002, An Alias Protection Scheme for Radon Transform *in* 64th Mtg. Eur. Assn. Geosci. Eng., C011.

- Denneman, A. I. M., Drijkoningen, G. G., Smeulders, D. M. J., and Wapenaar, K., 2002, Reflection and transmission of waves at a fluid/porous-medium interface: *Geophysics*, **67**, 282–291.
- Desrousseaux, G., Lemaistre, L., Sexton, P., and Williamson, P., 2002, Pre-Stack Depth Migration Netherlands an Integrated Methodology - Processing, Interpretation, Algorithm Development *in* 64th Mtg. Eur. Assn. Geosci. Eng., B021.
- Devault, B., Davis, T. L., Tsvankin, I., Verm, R., and Hilterman, F., 2002, Multicomponent AVO analysis, Vacuum field, New Mexico: *Geophysics*, **67**, 701–710.
- Diet, J.-P., Soares, A., Colnard, O., Renaldo, C., and Santos, J., 2002, Integration of Inverted Seismic Volumes into Stochastic Reservoir Models *in* 64th Mtg. Eur. Assn. Geosci. Eng., H040.
- DiFrancesco, D., and Talwani, M., 2002, Time Lapse Gravity Gradiometry for Reservoir Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., H007.
- Ditzel, A., Herman, G., and Drijkoningen, G., 2002, Train Induced Ground Vibrations - Comparison of Experimental Data and Theoretical Results *in* 64th Mtg. Eur. Assn. Geosci. Eng., D030.
- Dok, R. V., Gaiser, J., and Markert, J., 2001, Green River basin 3-D/3-C case study for fracture characterization: Common-azimuth processing of PS-wave data *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 768–771.
- Dong, W., and Davidson, M. E., 2003, Quantifying 3D acquisition adequacy for azimuthal AVO analysis: The Leading Edge, **22**, 476–480.
- Dragoset, B., 2000, Introduction to air guns and air-gun arrays: The Leading Edge, **19**, 892–897.
- Drrast, H., Rasolofosaon, P. N. J., and Siegesmund, S., 2002, P-wave velocity and permeability distribution of sandstones from a fractured tight gas reservoir: *Geophysics*, **67**, 241–253.
- Druzhinin, A., 2002a, Factorized Ray Tracing in Viscoporoelastic TI Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P104.
- , 2002b, Rapid Image-Ray Inverse Data Mapping without Using an Interval Velocity Model *in* 64th Mtg. Eur. Assn. Geosci. Eng., E017.
- Duchkov, A., and Goldin, S., 2002, Time-Domain Ray Asymptotic near Singularities - Illustration for a Caustic Cusp *in* 64th Mtg. Eur. Assn. Geosci. Eng., P105.
- Duffaut, K., Alsos, T., Landro, M., Rogno, H., and Al-Najjar, N. F., 2000, Shear-wave elastic impedance: The Leading Edge, **19**, 1222–1229.
- Dufour, J., Squires, J., Goodway, W., Edmunds, A., and Shook, I., 2002, Integrated geological and geophysical interpretation case study, and Lam rock parameter extractions using AVO analysis on the Blackfoot 3C-3D seismic data, southern Alberta, Canada: *Geophysics*, **67**, 27–37.

- Duncan, P. M., 2000, Shall we DISC?: *The Leading Edge*, **19**, 993.
- Duquet, B., Lambar, G., and Xu, S., 2002, 3D Multi-Arrival Kirchhoff vs. Wave Equation Migration - SEG/EAGE Salt Model Case Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., A042.
- Duranti, D., Hurst, A., Huuse, M., and Cartwright, J., 2002a, Sand Diapiric Structures and Poly-Phase Sand Remobilisation in the Santa Cruz Area, Central Coastal California *in* 64th Mtg. Eur. Assn. Geosci. Eng., H024.
- Duranti, D., Huuse, M., Cartwright, J., Hurst, A., Cronin, B., Mazzini, A., and Flanagan, K., 2002b, Unusual Facies and Geometries of the Paleogene Deep-Water Systems in the North Sea - Effects of Sand Remobilisation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P057.
- Duranti, L., and Davis, T., 2002, MultiC Seismology for Time-Lapse Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., H005.
- Durrani, J., and Baumel, R., 2002, Reservoir Characterization by Prestack Inversion and Neural Net Calibration *in* 64th Mtg. Eur. Assn. Geosci. Eng., G020.
- Dutta, N. C., 2002, Deepwater geohazard prediction using prestack inversion of large offset P-wave data and rock model: *The Leading Edge*, **21**, 193–198.
- Duval, L., and Galibert, P.-Y., 2002, Efficient Coherent Noise Filtering - an Application of Shift-Invariant Wavelet Denoising *in* 64th Mtg. Eur. Assn. Geosci. Eng., C010.
- Duweke, W., Trickett, J., Tootal, K., and Slabbert, M., 2002, Three-Dimensional Reflection Seismics as a Tool to Optimise Mine Design, Planning and Development in the Bushveld Igneous Complex *in* 64th Mtg. Eur. Assn. Geosci. Eng., D020.
- Dvorkin, J., Carr, M., and Berge, T., 2002a, Rock Physics Diagnostic in Sand/Shale Sequence *in* 64th Mtg. Eur. Assn. Geosci. Eng., B041.
- Dvorkin, J., Gutierrez, M., and Nur, A., 2002b, On the universality of diagenetic trends: *The Leading Edge*, **21**, 40–43.
- Dvorkin, J., and Walls, J., 2002, Poissons Ratio and Pore Pressure Estimation *in* 64th Mtg. Eur. Assn. Geosci. Eng., B038.
- Eaton, D., Milkereit, B., and Salisbury, M., 2003, Seismic methods of deep mineral exploration: Mature technologies adapted to new targets: *The Leading Edge*, **22**, 580–585.
- Ebrom, D., Mueller, M., Heppard, P., Shah, H., and Thomsen, L., 2002, VSP-Derived Vp/Vs Ratios for Pressure Prediction ahead of the Bit *in* 64th Mtg. Eur. Assn. Geosci. Eng., F021.
- Efendiyeva, M., 2002, Integrated Analysis of Well and Products of Mud Volcanoes - Appendix to Stratigraphy of Deeps Submerged Horizons *in* 64th Mtg. Eur. Assn. Geosci. Eng., P067.

- Egberts, P., Brouwer, G., and Bos, C., 2002, History Matching and Forecasting with Uncertainty Quantification - a Reservoir Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., F009.
- Eidsvik, J., Omre, H., Mukerji, T., Mavko, G., and Avseth, P., 2002, Seismic reservoir prediction using Bayesian integration of rock physics and Markov random fields: A North Sea example: *The Leading Edge*, **21**, 290–294.
- Eissa, M., Castagna, J., and Leaver, A., 2003, AVO detection of gas-producing dolomite trends in nonproducing limestone: *The Leading Edge*, **22**, 462–468.
- Elam, S., Beall, J., and Wood, C., 2002, Depth Conversion and Uncertainty of Depth Migrated Seismic from the Southern North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., F015.
- Enachescu, M., and Lines, L. R., 2001, An introduction to this special section: *The Leading Edge*, **20**, 52.
- Engelhardt-Moore, N., Granath, J., Aldrich, J., and Albanesi, L., 2002, The Use of Biostratigraphy to Constrain Thrust Belt Timing in the Po Valley, Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., P077.
- Engell-Sørensen, L., and Koster, J., 2002, Optimization and Demonstration of 3D Finite Difference Tools for Modeling Seismic Acquisition *in* 64th Mtg. Eur. Assn. Geosci. Eng., C046.
- Ernst, F. E., Herman, G. C., and Ditzel, A., 2002, Removal of scattered guided waves from seismic data: *Geophysics*, **67**, 1240–1248.
- Etgen, J., 2002, Is Wave Equation Migration Ready to Replace Kirchhoff Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., E025.
- Ettrich, N., 2002, Offset-dependent geometrical spreading in isotropic laterally homogeneous media using constant velocity gradient models: *Geophysics*, **67**, 1612–1615.
- Faichney, A., Norris, M., Hiscox, G., Hovde, J., Bingham, D., Stigant, J., Racer, C., Reynolds, K., and Hares, M., 2001, SEG-UKOOA Ancillary Data Standard - Metafile Format Description: *Geophysics*, **66**, 1961–1998.
- Fairhead, J. D., and Odegard, M. E., 2002, Advances in gravity survey resolution: *The Leading Edge*, **21**, 36–37.
- Federici, F., Boccioli, S., Corbella, M., and Baioni, F., 2002, Reservoir Petrophysical Properties Distribution Using Seismic Attributes and Well Data The West Delta Deep Marine Case Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P075.
- Fedi, M., Florio, G., Giori, I., and Loretti, I., 2002, Full Tensor Gravity Gradient Analysis from Traditional Gravity Data in Chain Area, Val d’Agri, Southern Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., E043.

- Fehler, M., Hildebrand, S., Huang, L., and Alde, D., 2002, Wavefront Construction Kirchhoff Migration with Ray-Amplitude Corrections *in* 64th Mtg. Eur. Assn. Geosci. Eng., B012.
- Ferguson, R., and Margrave, G. F., 2002, Prestack depth migration by symmetric non-stationary phase shift: *Geophysics*, **67**, 594–603.
- Finol, J., and Jing, X.-D., 2002, Permeability prediction in shaly formations: The fuzzy modeling approach: *Geophysics*, **67**, 817–829.
- Fiordelisi, A., Berto, R., Brambilla, F., and Casini, M., 2002, Advanced Well-Log Analysis in Geothermal Wells for Fracture Identification *in* 64th Mtg. Eur. Assn. Geosci. Eng., C038.
- Fjellanger, J., Aanensen, O., and Ruud, B., 2002, Geophone Coupling and QC of Vector Fidelity *in* 64th Mtg. Eur. Assn. Geosci. Eng., E001.
- Fliedner, M. M., and White, R. S., 2001, Seismic structure of basalt flows from surface seismic data, borehole measurements, and synthetic seismogram modeling: *Geophysics*, **66**, 1925–1936.
- Foss, C., 2002, Interpretation of Formation Dip from Modelling TMI Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., D005.
- Foster, D., Mosher, C., and Jin, S., 2002, Offset Plane Wave Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., B014.
- Fournier, F., Dequirez, P. Y., Macrides, C. G., and Rademakers, M., 2002, Quantitative lithostratigraphic interpretation of seismic data for characterization of the Unayzah Formation in central Saudi Arabia: *Geophysics*, **67**, 1372–1381.
- Francese, R. G., Hajnal, Z., and Prugger, A., 2002, High-resolution images of shallow aquifers—A challenge in near-surface seismology: *Geophysics*, **67**, 177–187.
- Franciosi, R., Bello, M., Ronchi, P., and Scotti, P., 2002, Po Valley Oil Play - from the Villafortuna-Trecate Field to South-Alpine and Northern Apennine Exploration *in* 64th Mtg. Eur. Assn. Geosci. Eng., H027.
- Franciosi, R., and Vignolo, A., 2002, Northern Adriatic Foreland - a Promising Setting for the Southalpine Midtriassic Petroleum System *in* 64th Mtg. Eur. Assn. Geosci. Eng., H025.
- Fromyr, E., Randazzo, S., Duffaut, K., Granli, J., and Amundsen, L., 2002, Imaging and Characterization with PP and PS - a Feasibility Study from the North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., F019.
- Frykman, P., 2002, The Chalk Geonome How and Why is it Different from other Reservoirs? *in* 64th Mtg. Eur. Assn. Geosci. Eng., F002.

- Fugelli, E., Corfield, R., Wigger, S., Nyberg, K., and Groette, T., 2002, Building the Depositional Model - a Case Study from the Cretaceous of the Norwegian Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., G025.
- Furre, A., 2002a, The Effective Stress Coefficient for Wave Velocities in Saturated Grain Packs *in* 64th Mtg. Eur. Assn. Geosci. Eng., P093.
- , 2002b, Stress Effects of Core Samples - Do They Aid in Time-Lapse Seismic? *in* 64th Mtg. Eur. Assn. Geosci. Eng., B036.
- Gaiser, J., Barr, F., and Paffenholz, J., 2002, Vertical Component Coupling of OBC Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., E007.
- Gaiser, J., and van Dok, R., 2002, PS-Wave Azimuthal Anisotropy - Seismic Properties for Fractured-Reservoir Management *in* 64th Mtg. Eur. Assn. Geosci. Eng., F024.
- Gajewski, A., 2003, Vertical Component of Magnetic Field in Magnetotelluric Data Interpretation *in* 65th Mtg. Eur. Assn. Geosci. Eng., P157.
- Gajewski, D., and Vanelle, C., 2002, Revisiting NMO Again? *in* 64th Mtg. Eur. Assn. Geosci. Eng., E021.
- Gambolati, G., Comerlati, A., Ferronato, M., Putti, M., and Teatini, P., 2002, Some Preliminary FE Results of CO₂ Sequestration in a Sedimentary Basin *in* 64th Mtg. Eur. Assn. Geosci. Eng., H011.
- Garcia, X., and Jones, A., 2002, Atmospheric sources for audio-magnetotelluric (AMT) sounding: *Geophysics*, **67**, 448–458.
- Gardner, M., 2002, The Distinction between Ancient Fluvial and Valley-Fill Sandstone Reservoirs: Semantics or Economics *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1007.
- Garotta, R., Granger, P.-Y., and Barbe, G., 2002, About Compressional, Converted Mode and Shear Statics *in* 64th Mtg. Eur. Assn. Geosci. Eng., F027.
- Gausland, I., 2000, Impact of seismic surveys on marine life: *The Leading Edge*, **19**, 903–905.
- Gautier, D., 2002, Risk Reduction by Integration of Resource Geology and Economics in a European Gas Model *in* 64th Mtg. Eur. Assn. Geosci. Eng., F014.
- Gavrilov, D., Lines, L. R., Bland, H. C., and Kocurko, T., 2000, 3-D depth migration: Parallel processing and migration movies: *The Leading Edge*, **19**, 1282–1284.
- Geller, R., Mizutani, H., Takeuchi, N., and Hirabayashi, N., 2002, Optimally Accurate Finite Difference Operators and Their Application to Forward and Inverse Seismic Modeling *in* 64th Mtg. Eur. Assn. Geosci. Eng., E013.
- Geraets, D., Galli, A., and Ruffo, P., 2002, Estimating the Covariance of a Velocity Field Accounting for a Linear Vertical Gradient *in* 64th Mtg. Eur. Assn. Geosci. Eng., C032.

- Gesbert, S., 2002, From acquisition footprints to true amplitude: *Geophysics*, **67**, 830–839.
- Gestel, J.-P. V., and Stoffa, P. L., 2001, Application of Alford rotation to ground-penetrating radar data: *Geophysics*, **66**, 1781–1792.
- Gharieni, N., and Acheche, M., 2002, Contribution of 3D Seismic Data to the Development Plan of a Carbonate Fractured Reservoir - Al Manzah Case History *in* 64th Mtg. Eur. Assn. Geosci. Eng., H030.
- Ghose, R., and Drijkoningen, G., 2002, Improved Estimation of the Friction Angle of Sandy Soils by a Combined Use of S-Wave Seismic and CPT *in* 64th Mtg. Eur. Assn. Geosci. Eng., D027.
- Gibson, M., 2002, Evaluation of Interference Effects in a Coal 3D Seismic Survey *in* 64th Mtg. Eur. Assn. Geosci. Eng., D023.
- Gierse, G., Trappe, H., and Pruessmann, J., 2002, Improved Resolution in Time and Depth Processing by Macro-Model Independent CRS Stacking *in* 64th Mtg. Eur. Assn. Geosci. Eng., B016.
- Gisolf, A., and Verschuur, D., 2002, 3D Focussing Operator Estimation from Sparse 3D Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., E018.
- Gobeli, R., 2000, Geophysics and the Internet: The Leading Edge, **19**, 877.
- Gochioco, L., and Urosevic, M., 2003, Mining geophysics: The Leading Edge, **22**, 557–557.
- Godi, A., Bruni, C., and Bellentani, G., 2002, Risk Analysis in Reservoir Management *in* 64th Mtg. Eur. Assn. Geosci. Eng., F012.
- Godio, A., Sambuelli, L., and Ferrero, A. M., 2003, Geophysical investigation to optimize excavation of an underground marble quarry in Stazzema, Italy: The Leading Edge, **22**, 574–578.
- Godio, A., Sambuelli, L., and Socco, L. V., 2000, Electromagnetic survey for detection of archaeological remains in urban sites: The Leading Edge, **19**, 850–854.
- Goertz, A., Buske, S., and Lueth, S., 2003, Fresnel-Volume Multicomponent Migration *in* 65th Mtg. Eur. Assn. Geosci. Eng., P144.
- Goldie, M., 2002, Self-potentials associated with the Yanacocha high-sulfidation gold deposit in Peru: *Geophysics*, **67**, 684–689.
- Gomez-Trevino, E., Esparza, F. J., and Mendez-Delgado, S., 2002, New theoretical and practical aspects of electromagnetic soundings at low induction numbers: *Geophysics*, **67**, 1441–1451.
- Gonzalez, M., 2002, Estimating Vp/Vs from Pre-Stack Converted-Wave Correlation Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P005.

- Gonzalez-Serrano, A., Lau, A., Mallick, S., and Gillespie, D., 2002, Prestack Waveform Inversion and Neural Network Interpolation - a Two-Step Approach to Log Prediction *in* 64th Mtg. Eur. Assn. Geosci. Eng., G016.
- Goryachev, Y., 2002, Consideration of the Earth Surface Relief and the Aircraft Flight Path in Developing Algorithms of Program Procedures for Computing the Magnetic Field Transforms and Solving the Inverse Problem of the Magnetic Potential *in* 64th Mtg. Eur. Assn. Geosci. Eng., D034.
- Granath, J., Krecow, F., Albanesi, L., and Aldrich, J., 2002, Structure and Hydrocarbon Prospectivity of the Apennine Foothills in the Marche Basin, Central Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., E047.
- Gras, R., and Cartwright, J., 2002, Tornado Faults - The Seismic Expression of the Early Tertiary on PS-data, Chestnut Field, UK North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., H020.
- Gratacos, B., Kommedal, J., and Granger, P., 2002, Calibration of Horizontal Sensors in the Presence of Azimuthal Anisotropy *in* 64th Mtg. Eur. Assn. Geosci. Eng., E006.
- Gray, D., and Head, K., 2000, Fracture detection in Manderson Field: A 3-D AVAZ case history: The Leading Edge, **19**, 1214–1221.
- Gray, D., Roberts, G., and Head, K., 2002a, Recent advances in determination of fracture strike and crack density from P-wave seismic data: The Leading Edge, **21**, 280–285.
- Gray, F., 2002, Stable Extraction of Fundamental Rock Properties from Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., B043.
- Gray, F., Head, K., Lahr, M., and Roberts, G., 2002b, Examples of the Determination of Fracture Parameters from P-Wave Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., G024.
- Grech, M. K., Lawton, D. C., and Gray, S. H., 2002, A multioffset vertical seismic profiling experiment for anisotropy analysis and depth imaging: Geophysics, **67**, 348–354.
- Grechka, V., Pech, A., and Tsvankin, I., 2002a, Multicomponent stacking-velocity tomography for transversely isotropic media: Geophysics, **67**, 1564–1574.
- Grechka, V., and Tsvankin, I., 2002, NMO-velocity surfaces and Dix-type formulas in anisotropic heterogeneous media: Geophysics, **67**, 939–951.
- Grechka, V., Tsvankin, I., Bakulin, A., Hansen, J. O., and Signer, C., 2002b, Joint inversion of PP and PS reflection data for VTI media: A North Sea case study: Geophysics, **67**, 1382–1395.

- Grechka, V., Tsvankin, I., Bakulin, A., Signer, C., Signer, C., Hansen, J., and Hansen, J., 2002c, Anisotropic inversion and imaging of PP and PS reflection data in the North Sea: *The Leading Edge*, **21**, 90–97.
- Gregg, M. E., and Bukowski, C. T., 2000, Developing an exploration tool in a mature trend: A 3-D AVO case study in south Texas: *The Leading Edge*, **19**, 1174–1183.
- Gregoire, C., Vanhellemont, Y., Balen, K. V., and Halleux, L., 2002, Limits of Radar Tomography for Characterisation of Foundations in a Historical Church *in* 64th Mtg. Eur. Assn. Geosci. Eng., D028.
- Grigo, D., Cavecchi, C., and Bozzoni, P., 2002, 1991-2001 Ten Years Basin Modelling Activity at Eni-Agip - Exploration Result Summary *in* 64th Mtg. Eur. Assn. Geosci. Eng., G001.
- de Groot, P., Ligtenberg, H., Meldahl, P., and Tingdahl, K., 2002, Recent Experiences with Statoil's Multi-Attribute Seismic Object Detection Technology *in* 64th Mtg. Eur. Assn. Geosci. Eng., G044.
- Grotte, T., Wigger, S., Kvamme, L., Fugelli, E., and Corfield, R., 2002, A Multidisciplinary Case Study of Reducing Exploration Risk in Turbidites Offshore Norway *in* 64th Mtg. Eur. Assn. Geosci. Eng., G026.
- Gruber, W., and Sachsenhofer, R., 2002, New Geophysical and Geological Data of the Intramontane Trofaiaach Pull - Apart Basin - Austria *in* 64th Mtg. Eur. Assn. Geosci. Eng., C033.
- Guargena, C., Smith, G., Wardell, J., Nilsen, T., and Hegre, T., 2002, Sand Injections at Jotun Field, North Sea - Their Possible Impact on Recoverable Reserves *in* 64th Mtg. Eur. Assn. Geosci. Eng., H018.
- Guemene, J., Thore, P., and Meesemaeker, R., 2002, Structural Uncertainties and Their Impact on a Gulf of Guinea Field and Satellite Prospects *in* 64th Mtg. Eur. Assn. Geosci. Eng., F016.
- Guidish, T., and Pisetski, V., 2002, Seismically Derived Reservoir Stress Distribution - Defining Optimal Zones for Hydrocarbon Accumulation *in* 64th Mtg. Eur. Assn. Geosci. Eng., G039.
- Guilbot, J., and Smith, B., 2002, 4-D constrained depth conversion for reservoir compaction estimation: Application to Ekofisk Field: *The Leading Edge*, **21**, 302–308.
- Guilbot, J., Smith, B., and Pirera, F., 2002, Interpretation Tools and Methods for Chalk Reservoir Characterization *in* 64th Mtg. Eur. Assn. Geosci. Eng., F005.
- Guitton, A., 2002, Coherent noise attenuation using inverse problems and prediction-error filters: *First Break*, **20**, 161–167.
- Gumert, W. R., and Phillips, D., 2000, Advanced helicopter aerogravity surveying system: *The Leading Edge*, **19**, 1252–1253.

- Guo, J., Zhou, H., Young, J., and Gray, S., 2002, Toward Accurate Velocity Models by 3D Tomographic Velocity Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., B024.
- Gurevich, B., 2002, Effect of fluid viscosity on elastic wave attenuation in porous rocks: *Geophysics*, **67**, 264–270.
- Gurevich, B., Keydar, S., and Landa, E., 2002, Multifocusing imaging over an irregular topography: *Geophysics*, **67**, 639–643.
- Gurevich, B., and Landa, E., 2002, Multifocusing imaging with controlled reflection-point dispersal: *Geophysics*, **67**, 1586–1592.
- Gutierrez, M., Dvorkin, J., and Nur, A., 2002, Stratigraphy-guided rock physics: The Leading Edge, **21**, 98–103.
- Gulyarov, R., and Piip, V., 2002, Automatic Processing and Interpretation of Engineering Seismic Data in Mountain Caucasus Area *in* 64th Mtg. Eur. Assn. Geosci. Eng., P048.
- Hackert, C., Farrell, D., and Zook, B., 2002, Integrated seismic and resistivity tomography for improved subsurface imaging *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1567–1570.
- Hackert, C. L., and Parra, J. O., 2002, Calibrating well logs to VSP attributes: interval velocity and amplitude: The Leading Edge, **21**, 52–57.
- Hafizi, M., Aiobi, M., and Rahimi, A., 2002, The Combination of 2D and 1D Inversion for 2.5D Interpretation of Magnetotelluric Geothermal Sites *in* 64th Mtg. Eur. Assn. Geosci. Eng., C034.
- Hagedoorn, J. G., 2001, The seismic transmission volume: *Geophys. Prosp.*, **49**, 697–707.
- Haldorsen, J., 2002, Converted-Shear and Compressional Images Using Projection Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., F031.
- Haldorsen, J., Krasovec, M., Raikes, S., Harrold, T., Day, D., and Clippard, J., 2002, Comparison of Full Waveform SeismicMWD and Conventional VSP Data from the South Caspian *in* 64th Mtg. Eur. Assn. Geosci. Eng., B026.
- Hammon, W. S., Zeng, X., Corbeanu, R., and McMechan, G. A., 2002, Estimation of the spatial distribution of fluid permeability from surface and tomographic GPR data and core, with a 2-D example from the Ferron Sandstone, Utah: *Geophysics*, **67**, 1505–1515.
- Hansen, R. O., and Suciu, L., 2002, Multiple-source Euler deconvolution: *Geophysics*, **67**, 525–535.
- Harrison, B., 2002, Impact of Linking Petrophysical Parameters in Monte Carlo Simulation of Oil-In-Place *in* 64th Mtg. Eur. Assn. Geosci. Eng., B044.

- Hart, B., Pearson, R., Pearson, R., Rawling, G., and Rawling, G., 2002a, 3-D seismic horizon-based approaches to fracture-swarm sweet spot definition in tight-gas reservoirs: *The Leading Edge*, **21**, 28–35.
- Hart, D., Hootman, B., and Jackson, A., 2002b, Correcting for Phase Errors in Deconvolved Seismic Data with Model-Based Wavelet Processing *in* 64th Mtg. Eur. Assn. Geosci. Eng., C014.
- Hatchell, P., Kelly, S., Muerz, M., Jones, T., Engbers, P., van der Veeken, J., and Staples, R., 2002, Comparing Time-Lapse Seismic and Reservoir Model Predictions in Producing Oil and Gas Fields *in* 64th Mtg. Eur. Assn. Geosci. Eng., A024.
- Hattula, A., 2002, News of the SAMPO Wide-Band EM System *in* 64th Mtg. Eur. Assn. Geosci. Eng., D001.
- Hautot, S., Tarits, P., Perrier, F., Tarits, C., and Trique, M., 2002, Groundwater electromagnetic imaging in complex geological and topographical regions: A case study of a tectonic boundary in the French Alps: *Geophysics*, **67**, 1048–1060.
- Helgesen, J., Karlsen, A., Runde, O., and Steindl, J., 2002, Mapping of Upper Jurassic Sandstone in the Borg North Area Using Elastic Inversion *in* 64th Mtg. Eur. Assn. Geosci. Eng., G022.
- Helle, H., Bhatt, A., and Ursin, B., 2002a, Fluid Saturation from Well Logs Using Modular Neural Networks *in* 64th Mtg. Eur. Assn. Geosci. Eng., B045.
- Helle, H., Pham, N., and Carcione, J., 2002b, Velocity and Attenuation in Partially Saturated Rocks - Numerical Experiments *in* 64th Mtg. Eur. Assn. Geosci. Eng., B046.
- Henley, S., 2000a, The SEG Geoscience Center: New thrust on education: *The Leading Edge*, **19**, 985.
- , 2000b, Time Lapse - A Geoscience Center report: *The Leading Edge*, **19**, 1278.
- , 2001, Time Lapse: A Geoscience Center report: *The Leading Edge*, **20**, 208.
- Herman, G., and Mulder, W., 2002, Scattering by Small-Scale Inclusions and Cracks *in* 64th Mtg. Eur. Assn. Geosci. Eng., E010.
- Herron, D., and Bruce, B., 2000, CEMeeting members' needs: *The Leading Edge*, **19**, 992.
- Herron, D. A., 2000, Pitfalls in seismic interpretation: Depth migration artifacts: *The Leading Edge*, **19**, 1016–1017.
- Hicks, G., 2002, Arbitrary source and receiver positioning in finite-difference schemes using Kaiser windowed sinc functions: *Geophysics*, **67**, 156–165.
- Hicks, G., and Williamson, P., 2002, Quantitative Time-Lapse AVO - Initial Application to the Oseberg Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., A019.

- Hilterman, F. J., Schuyver, C. V., and Sbar, M., 2000, AVO examples of long-offset 2-D data in the Gulf of Mexico: The Leading Edge, **19**, 1200–1213.
- Hinojosa, J. H., and Mickus, K. L., 2002, Hilbert transform of gravity gradient profiles: Special cases of the general gravity-gradient tensor in the Fourier transform domain: Geophysics, **67**, 766–769.
- Hirsche, K., Pullin, N., and Matthews, L., 2002, The GLISP 4D Monitoring Project - A Lesson in How to Avoid Successful Failure *in* 64th Mtg. Eur. Assn. Geosci. Eng., A027.
- Hitchings, V. H., and Potters, H., 2000, Production and geologic implications of the Natih 9-C, 3-D seismic survey: The Leading Edge, **19**, 1117–1124.
- Hockers, C., and Fehmers, G., 2002, Fast structural interpretation with structure-oriented filtering: The Leading Edge, **21**, 238–243.
- Hofmann, R., Batzle, M., and Han, D., 2002, Gassmanns Equation and Frequency Dependent Elastic Response - an Experimental Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., B040.
- Hoggard, W., 2000, Deep water marine mammals of the northern Gulf of Mexico: The Leading Edge, **19**, 906.
- Holliger, K., and Bergmann, T., 2002, Numerical modeling of borehole georadar data: Geophysics, **67**, 1249–1257.
- Holliger, K., and Maurer, H., 2002, Effects of stochastic heterogeneity on the tomographic inversion of crosshole georadar data *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1571–1574.
- Holstein, H., 2002a, Gravimagnetic similarity in anomaly formulas for uniform polyhedra: Geophysics, **67**, 1126–1133.
- , 2002b, Invariance in gravimagnetic anomaly formulas for uniform polyhedra: Geophysics, **67**, 1134–1137.
- Holzschuh, J., 2002, Low-cost geophysical investigations of a paleochannel aquifer in the Eastern Goldfields, Western Australia: Geophysics, **67**, 690–700.
- Honjas, W., Pullammanappallil, S., Unruh, J., and Monastero, F., 2002, Using Seismic Exploration to Reduce the Risk of Developing Geothermal Resources *in* 64th Mtg. Eur. Assn. Geosci. Eng., D012.
- Horne, S., Thompson, C., Moran, R., Walsh, J., Hyde, J., and Lui, E., 2002, Planning, Acquiring and Processing a Walkaround VSP for Fracture Induced Anisotropy *in* 64th Mtg. Eur. Assn. Geosci. Eng., B028.
- Houck, R. T., 2002, Quantifying the uncertainty in an AVO interpretation: Geophysics, **67**, 117–125.

- Howman, D., and Howman, D., 2002, The Application of Geophysical Methods to Detecting Sub-Surface Cavities under Roads *in* 64th Mtg. Eur. Assn. Geosci. Eng., D011.
- Hrabar, S., 2002, Applied geophysics and the environment in Texas: The Leading Edge, **21**, 68–69.
- Hsu, S. K., 2002, Imaging magnetic sources using Euler's equation: Geophys. Prosp., **50**, 15–25.
- Huang, H., and Fraser, D., 2002a, The use of quad-quad resistivity in helicopter electromagnetic mapping: Geophysics, **67**, 459–467.
- Huang, H., and Fraser, D. C., 2002b, Dielectric permittivity and resistivity mapping using high-frequency, helicopter-borne EM data: Geophysics, **67**, 727–738.
- Hubert, L., Carrand, M., and Dvorkin, J., 2002, Shear Velocity Prediction in the Norwegian Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., B042.
- Huffman, A. R., 2002, The future of pore-pressure prediction using geophysical methods: The Leading Edge, **21**, 199–205.
- Hurst, A., Cartwright, J., Duranti, D., Huuse, M., and Cronin, B., 2002, Sand Injectites - Reserve Potential, Their Genesis and Reservoir Character *in* 64th Mtg. Eur. Assn. Geosci. Eng., G032.
- Huuse, M., Duranti, D., Prat, P., Holm, K., Steinsland, N., Guargena, C., Cartwright, J., Hurst, A., and Cronin, B., 2002, Detection, Origin and Significance of Large-Scale Injected Sand Bodies in the North Sea Cenozoic *in* 64th Mtg. Eur. Assn. Geosci. Eng., H019.
- Ikelle, L., Amundsen, L., and Yoo, S., 2002, An optimization of the inverse scattering multiple attenuation method for OBS and VC data: Geophysics, **67**, 1293–1303.
- Ikelle, L., and Lu, W., 2002a, Imaging beyond Seismic Wavelength Using Higher-Order Statistics *in* 64th Mtg. Eur. Assn. Geosci. Eng., E019.
- , 2002b, Multishooting Method for Simulating Seismic Surveys - Applications to Finite-Difference Modeling *in* 64th Mtg. Eur. Assn. Geosci. Eng., E016.
- Iversen, E., 2002a, From Approximate to Accurate Velocity Rays *in* 64th Mtg. Eur. Assn. Geosci. Eng., P107.
- , 2002b, The Isochron Ray - a New Concept in Seismic Modelling and Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., C021.
- Jackson, J., 2000, Earth Science Week: The Leading Edge, **19**, 984.
- Jakobsen, M., Hudson, J., and Johansen, T., 2002, T-Matrix Approach to Shale Acoustics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P094.

- James, H., Peloso, A., and Wang, J., 2002, Volume interpretation of multi-attribute 3D surveys: *First Break*, **20**, 176–180.
- Janakiraman, K. K., and Konno, M., 2002, Cross-borehole geological interpretation model based on a fuzzy neural network and geotomography: *Geophysics*, **67**, 1177–1183.
- Jarchow, C. M., 2000, Lesson No. 1 from research in technical innovation: *The Leading Edge*, **19**, 882–883.
- Jarvis, K., and Knight, R. J., 2002, Aquifer heterogeneity from SH-wave seismic impedance inversion: *Geophysics*, **67**, 1548–1557.
- Jegen, M. D., Everett, M., and Schultz, A., 2001, Using homotopy to invert geophysical data: *Geophysics*, **66**, 1749–1760.
- Jellema, I., and van Leeuwen, R., 2002, Using XML in Advanced Geological Information Systems - a Case of Cross-Border UK-NL Stratigraphy Explored in 64th Mtg. Eur. Assn. Geosci. Eng., P223.
- Jensen, W. P., 2001, How to stake a claim to your intellectual property: *The Leading Edge*, **20**, 1240.
- Jiao, J., Stoffa, P. L., Sen, M. K., and Seifoullaev, R. K., 2002, Residual migration-velocity analysis in the plane-wave domain: *Geophysics*, **67**, 1252–1269.
- Jin, S., and Pajchel, J., 2002, 3D Prestack GSP Migration with Application to a Carbonate Data in 64th Mtg. Eur. Assn. Geosci. Eng., A039.
- Jin, S., and Walraven, D., 2003, Wave equation GSP prestack depth migration and illumination: *The Leading Edge*, **22**, 606–611.
- Jin, S., Zhang, P., Harris, P., and Pica, A., 2002, 3D Multi-Pathing and True Amplitude Kirchhoff Prestack Depth Migration in 64th Mtg. Eur. Assn. Geosci. Eng., E029.
- Jiracek, G. R., Baldridge, W. S., Biehler, S., Braile, L. W., Ferguson, J. F., Gilpin, B. E., and Alumbaugh, D. L., 2000, SAGE: Learning geophysics by immersion: *The Leading Edge*, **19**, 986–990.
- Johnson, W. J., 2003, Case histories of dc resistivity measurements to map shallow coal mine workings: *The Leading Edge*, **22**, 571–573.
- Johnston, D. H., 2000, Interpretation in the year 2000 [...] as seen from 1993 or [...] . There's enough oil in the world without the benefit of what geophysicists do: *The Leading Edge*, **19**, 1000–1001.
- Jol, H. M., Bristow, C., and Havholm, K., 2002, GPR stratigraphic investigation of modern and ancient aeolian environments in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1535–1538.

- Jones, I., Bridson, M., Folstad, P., Kjos, E., and Goodwin, M., 2002a, 4D Illumination and Elastic Modelling *in* 64th Mtg. Eur. Assn. Geosci. Eng., P037.
- Jones, I., Folstad, P., and Kjos, E., 2002b, Continuous High Resolution Velocity as a 4D Attribute *in* 64th Mtg. Eur. Assn. Geosci. Eng., P038.
- Jonk, R., Hurst, A., and Parnell, J., 2002, Fluid Flow through Sand Injectites Intruded in Low Permeability Host Rocks *in* 64th Mtg. Eur. Assn. Geosci. Eng., H023.
- Kajl, B., Long, A., Hoffma, J., and Strandenes, S., 2002, High end visualization provides new dimensions in survey design and acquisition quality control: First Break, **20**, 181–185.
- Kampke, A., 2002, A Complex Resistivity Model of a Roman Colonnaded Avenue *in* 64th Mtg. Eur. Assn. Geosci. Eng., D041.
- Kan, T. K., and Swan, H. W., 2001, Geopressure prediction from automatically-derived seismic velocities: *Geophysics*, **66**, 1937–1946.
- Karageorgi, E., Watts, D., and Savvaidis, A., 2002, Integration and Correlation of Geo-physical Data in NW Greece *in* 64th Mtg. Eur. Assn. Geosci. Eng., E039.
- Kazimierz, M., Zenon, B., and Mysliwiec, M., 2002, Results of the New Methodology of Gas Exploration in the Rzeszow Area, Polish Carpathian Foredeep *in* 64th Mtg. Eur. Assn. Geosci. Eng., P224.
- Keers, H., Chapman, C., and Nichols, D., 2002, A Fast Integration Technique for the Generation of Ray-Born Synthetics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P108.
- Keggin, J., Widmaier, M., Hegna, S., and Kjos, E., 2002, Attenuation of Multiple Diffractions by Multi-Azimuth Streamer Acquisition *in* 64th Mtg. Eur. Assn. Geosci. Eng., F039.
- Keho, T., Lemanski, S., Ripple, R., and Tambunan, B. R., 2001, The AVO hodogram: Using polarization to identify anomalies: *The Leading Edge*, **20**, 1214–1219.
- Kendall, R., and Pullishy, J., 2002, A Proposed Workflow for Converted-Wave Event Registration - the Step between Processing and Interpretation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P004.
- Kenter, J. A. M., Gartnerz, G. L. B., and Schlager, W., 2001, Seismic models of a mixed carbonate-siliciclastic shelf margin: Permian upper San Andres Formation, Last Chance Canyon, New Mexico: *Geophysics*, **66**, 1744–1748.
- Kerans, C., 2002, 50 Years Hence Evolving Technologies and Opportunities in Carbonate Systems *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1006.
- Kerr, J., and Howard, B., 2002, Frequency Spectral Decomposition Breathes New Life into Seismic Interpretation Workflows *in* 64th Mtg. Eur. Assn. Geosci. Eng., G046.

- Kerr, J., Shea, B., and Henderson, J., 2002, Seismic Volume Processing - an Investigation of Its Use for Geologic Interpretation *in* 64th Mtg. Eur. Assn. Geosci. Eng., G042.
- Keys, R. G., and Xu, S., 2002, An approximation for the Xu-White velocity model: *Geophysics*, **67**, 1406–1414.
- Khalil, M., 2002, Geometry and Geo-Dynamics of the Southeastern Mediterranean Sub-Provinces *in* 64th Mtg. Eur. Assn. Geosci. Eng., P071.
- Khismetov, T., Jafarov, I., Brekhuntsov, A., Sharifulin, F., and Zobov, Y., 2002, On the Problem of "Lost Opportunities" in the Matured Oil Fields *in* 64th Mtg. Eur. Assn. Geosci. Eng., P232.
- Kim, S., 2002, 3-D eikonal solvers: First-arrival traveltimes: *Geophysics*, **67**, 1225–1231.
- King, M. S., and Marsden, J. R., 2002, Velocity dispersion between ultrasonic and seismic frequencies in brine-saturated reservoir sandstones: *Geophysics*, **67**, 254–258.
- Knapp, S., Payne, N., and Johns, T., 2002, Imaging through Gas Clouds - a Case History from the Gulf of Mexico *in* 64th Mtg. Eur. Assn. Geosci. Eng., A009.
- Knight, R., 2002, President's Page: *The Leading Edge*, **21**, 14.
- de Kok, R., and Gillespie, D., 2002, A Universal Simultaneous Shooting Technique *in* 64th Mtg. Eur. Assn. Geosci. Eng., A004.
- Koledoye, A., 2002, From the Other Side: *The Leading Edge*, **21**, 232–233.
- Koren, Z., Xu, S., and Kosloff, D., 2002, Common Reflection Angle Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., A033.
- Korotaev, M., Nikishin, A., Ershov, A., and Brunet, M.-F., 2002, Black Sea Basin - Geodynamics and Modelling *in* 64th Mtg. Eur. Assn. Geosci. Eng., P074.
- Kosakowski, P., and Kotarba, M., 2002, Subsidence and Hydrocarbon Potential of the Main Dolomite Carbonates in the Polish Part of Pomerania *in* 64th Mtg. Eur. Assn. Geosci. Eng., P062.
- Kosloff, D., Koren, Z., Litiv, A., Ragoza, E., and Zuev, A., 2002, Kirchhoff vs. Wave Equation Pre Stack Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., E026.
- Kosloff, D., and Sudman, Y., 2002, Uncertainty in determining interval velocities from surface reflection seismic data: *Geophysics*, **67**, 952–963.
- Kostakis, K., 2002, Influence of Fracture Geometry and Fluid Properties on Gas Bubble Formation in Fractures *in* 64th Mtg. Eur. Assn. Geosci. Eng., H015.

- Kouznetsov, O., Chirkin, I., Faizulline, I., Meltchouk, B., Dzhafarov, I., Kuryanov, Y., Nesterov, V., Slenkin, S., Kashirin, G., Mollaev, Z., and Kozub, A., 2002, Improving the Efficiency of Seismic Exploration by Applying 3D Mapping of Open Fracturing by the SVSL Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., G038.
- Kowalczyk, P., Visser, S., and Thomas, S., 2002, 3D inversion of resistivity and IP data, two case studies from mineral exploration *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 419–422.
- Kozhevnikov, N., and Nikiforov, S., 2002, An Illustrative Approach to Estimating the Near-Surface TEM System Potentialities *in* 64th Mtg. Eur. Assn. Geosci. Eng., D043.
- Kozlov, E., and Varivoda, D., 2002, Pressure-Dependent Anisotropy and Reflectivity of Porous Rocks with Aligned Fractures *in* 64th Mtg. Eur. Assn. Geosci. Eng., P031.
- Kraaijpoel, D., Snieder, R., and Roy-Chowdhury, K., 2002, Construction of Single-Valued Ray Field Maps in the Position/Angle Domain for Ray-Based Imaging with Multiple Arrivals *in* 64th Mtg. Eur. Assn. Geosci. Eng., B013.
- Kragh, E., and Christie, P., 2002, Seismic Repeatability, Normalised RMS and Predictability *in* 64th Mtg. Eur. Assn. Geosci. Eng., A015.
- Kragh, E., Laws, R., and Combee, L., 2002, Sea Surface Shape Derivation above the Seismic Streamer *in* 64th Mtg. Eur. Assn. Geosci. Eng., A007.
- Krasovec, M., Rodi, W., Turpening, R., Coates, R., and Toksz, M., 2002, A Migration Method for Limited Seismic Array Geometries - Application to Reverse VSP *in* 64th Mtg. Eur. Assn. Geosci. Eng., B027.
- Krieger, M., Henke, C., Strack, K., Mueller, C., and Zerilli, A., 2002, Bringing complex salt structures into focus - a novel integrated approach *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 446–449.
- Kristoffersen, S.-A., Kollbotn, L., Iskander, D., Krasnevski, and Ryjov, 2002, Seismic Visualization and Sequence Stratigraphy - an Approach to Reveal Reservoir Properties and Optimize Well Planning Strategies in the Novogodneye Field - Russia *in* 64th Mtg. Eur. Assn. Geosci. Eng., H036.
- Kuehl, H., and Sacchi, M., 2002, Constrained Least-Squares Wave-Equation Migration for AVP Inversion *in* 64th Mtg. Eur. Assn. Geosci. Eng., B018.
- Kvamme, L., Wigger, S., Grotte, T., and Doorenbos, J. J., 2002, Mapping a Cretaceous Turbidite System Using Advanced Geophysical Techniques *in* 64th Mtg. Eur. Assn. Geosci. Eng., P052.
- Kwon, J. H., and Jekeli, C., 2002, The effect of stochastic gravity models in airborne vector gravimetry: *Geophysics*, **67**, 770–776.
- Lajoie, J., Pauvels, A., and Ransom, P., 2002, Finding the faulted continuation of Sulivan *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 423–424.

- de Lamotte, D. F., Bracene, R., Benaouali, N., and Roure, F., 2002, Crustal Structure of the Maghrebides along a Central Algerian Transect *in* 64th Mtg. Eur. Assn. Geosci. Eng., H028.
- Landa, E., and Keydar, S., 2002, Multifocusing - Imaging without the Velocity Model *in* 64th Mtg. Eur. Assn. Geosci. Eng., E022.
- Landa, E., Reshef, M., and Keydar, S., 2002, Multiple Prediction without Prestack Data an Efficient Tool for Interpretive Processing *in* 64th Mtg. Eur. Assn. Geosci. Eng., F038.
- Landro, M., and Janssen, R., 2002, Estimating Compaction and Velocity Changes from Time-Lapse near and far Offset Stacks *in* 64th Mtg. Eur. Assn. Geosci. Eng., P036.
- Lang, W., 2000, MMS acoustic studies in the Gulf of Mexico, FY 2000: The Leading Edge, **19**, 907–909.
- Lapenna, V., Rizzo, E., Piscitelli, S., and Colella, A., 2002, Deep Electrical Resistivity Tomographies to Investigate the Pre-Quaternary Bedrock in the Agri High Valley, Southern Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., E040.
- Larijani, R., Hoelworth, J., Haberland, J., van Delden, S., Kloas, F., Peveraro, R., Charreyron, Y., Sementsov, A., and Tijink, P., 2002, Development of a High Resolution 3D Reservoir Flow Model of the Bierwang Gas Storage Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., H013.
- Lawyer, L. C., 2000a, Dick Baile: The Leading Edge, **19**, 1126–1133.
- , 2000b, From the Other Side: The Leading Edge, **19**, 688–690.
- , 2000c, From the Other Side: The Leading Edge, **19**, 828.
- , 2000d, From the Other Side: The Leading Edge, **19**, 942–943.
- , 2000e, From the Other Side: The Leading Edge, **19**, 1054–1055.
- , 2000f, From the Other Side: The Leading Edge, **19**, 1160–1161.
- , 2000g, From the Other Side: The Leading Edge, **19**, 1274.
- , 2001a, From the Other Side: The Leading Edge, **20**, 1208.
- , 2001b, From the Other Side: The Leading Edge, **20**, 1320.
- , 2001c, From the Other Side: The Leading Edge, **20**, 8.
- , 2001d, From the Other Side: The Leading Edge, **20**, 121.
- , 2001e, From the Other Side: The Leading Edge, **20**, 234.
- , 2002a, From the Other Side: The Leading Edge, **21**, 12.
- , 2002b, From the Other Side: The Leading Edge, **21**, 124–125.

- , 2003a, From the Other Side: The Leading Edge, **22**, 392–392.
- , 2003b, From the Other Side: The Leading Edge, **22**, 504–504.
- Leaney, W., Hope, R., Tchkerashnev, S., and Wheeler, M., 2002, Long Offset AVO and Anisotropy Calibration Deep Offshore Nigeria *in* 64th Mtg. Eur. Assn. Geosci. Eng., G015.
- Leavashov, S. P., Korchagin, I. N., and Taskynbaev, K. M., 2003, Geoelectric Investigations in Kenbye Oilfield in Western Kazakhstan *in* 65th Mtg. Eur. Assn. Geosci. Eng., P154.
- Leblanc, G., and Morris, W. A., 2001, Denoising of aeromagnetic data via the wavelet transform: *Geophysics*, **66**, 1793–1804.
- Lecerf, D., and Coleou, T., 2002, Application of the Automatic Factorial Co-Kriging Method (AFACK) to Optimize the 4D Seismic Signature *in* 64th Mtg. Eur. Assn. Geosci. Eng., A021.
- Lecomte, I., Gelius, L.-J., and Hamran, S.-E., 2002, Local Imaging Approach and Applications *in* 64th Mtg. Eur. Assn. Geosci. Eng., B017.
- Lee, D. K., Yang, J., and Youn, J.-H., 2003, MCMC Sampling and Geostatistics for Bayesian Geophysical Inversion *in* 65th Mtg. Eur. Assn. Geosci. Eng., P158.
- Lee, H., Park, G.-S., Kwon, B., Oh, S., Chung, H., and Chung, S., 2002a, Three-Dimensional Inversion of Gravity Data on the Inhomogeneous-Rugged Terrain *in* 64th Mtg. Eur. Assn. Geosci. Eng., D004.
- Lee, J., Dart, D., Turner, R., Downey, M., Maddever, A., Panjkovic, G., Foley, C., Leslie, K., Binks, R., Lewis, C., and Murray, W., 2002b, Airborne TEM surveying with a SQUID magnetometer sensor: *Geophysics*, **67**, 468–477.
- Lee, T. J., Suh, J. H., Kim, H., Song, Y., and Lee, K. H., 2002c, Electromagnetic traveltime tomography using an approximate wavefield transform: *Geophysics*, **67**, 68–76.
- van Leeuwen, E. H., 2000, BHP develops airborne gravity gradiometer for mineral exploration: *The Leading Edge*, **19**, 1296–1297.
- Leslie, D., and Hartley, B., 2002, Subsurface Monitoring with Continuous Wave Acoustic Sounding *in* 64th Mtg. Eur. Assn. Geosci. Eng., H008.
- Lesmes, D. P., Decker, S. M., and Roy, D., 2002, A multiscale radar-stratigraphic analysis of fluvial aquifer heterogeneity: *Geophysics*, **67**, 1452–1464.
- Li, G., and Majer, E., 2003, Coiled tubing deployment makes crosswell seismic surveying successful in horizontal wells: *The Leading Edge*, **22**, 454–458.
- Li, G., Ziolkowski, A., Taylor, D., and Hall, G., 2002a, An Approach to Determine Subsurface Structure Using P-P and P-SV Reflections *in* 64th Mtg. Eur. Assn. Geosci. Eng., P006.

- Li, X.-P., Brittan, J., and Allen, T., 2002b, AVO Friendly Processing before Migration in 64th Mtg. Eur. Assn. Geosci. Eng., G010.
- Li, Z., Murphy, M., and Barker, C., 2002c, Depth imaging case history: a subsalt prospect, deepwater, Gulf of Mexico in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 437–439.
- Liaw, A., 2002, Pore pressure prediction from 3D seismic data in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 454–456.
- Lindsay, D., Kirkpatrick, J., and Choquette, P., 2002, A Very Unusual Platform-Edge Carbonate Mound Reservoir - Irminio Oil Field, SE Sicily in 64th Mtg. Eur. Assn. Geosci. Eng., F007.
- Liner, C., and Ronen, S., 2002, Introduction to this special section: Geophysics and the environment: The Leading Edge, **21**, 60–61.
- Liner, C. L., 2000a, The future journal: The Leading Edge, **19**, 13241328.
- , 2000b, President's Page: The Leading Edge, **19**, 940.
- , 2002, Whats all the FUS?: The Leading Edge, **21**, 254.
- Lines, L., Chen, S., Daley, P. F., Embleton, J., and Mayo, L., 2003, Seismic pursuit of wormholes.: The Leading Edge, **22**, 459–461.
- Lisin, V., 2002, Multiwave Shallow Seismic for the Determination of Bedrock and Soil Properties and S-Wave Statics in 64th Mtg. Eur. Assn. Geosci. Eng., P042.
- Loar, C. R., and Caskey, S., 2002, Comparison of ground penetrating radar surveys with subsurface stratigraphy on the southern Rodgers Creek fault, Sonoma County, CA in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1527–1530.
- Loinger, E., Gaiser, J., Lucini, A., Prestori, M., and Walters, R., 2002, 3D/4C Emilio: Azimuth Processing for Anisotropy Analysis in 64th Mtg. Eur. Assn. Geosci. Eng., F023.
- Lokshtanov, D., Denisov, M., and Finikov, D., 2002, Multiple Suppression and Datuming with an Antialiased Radon Transform for Marine 4C Data in 64th Mtg. Eur. Assn. Geosci. Eng., F037.
- Long, L., and Toteva, T., 2002, Differential surface-wave interpretation of temporal changes in velocity in 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1559–1562.
- Lopatin, N., Emets, T., and Romanov, E., 2002, Exploration Risk in Fine-Grained Reservoirs from Oil-Prone Source Rocks Formation in 64th Mtg. Eur. Assn. Geosci. Eng., G002.
- Lu, S., Lu, S., and McMechan, G. A., 2002a, Estimation of gas hydrate and free gas saturation, concentration, and distribution from seismic data: Geophysics, **67**, 582–593.

- Lu, X., Alumbaugh, D., and Weiss, C., 2002b, The electric fields and currents produced by induction logging instruments in anisotropic media: *Geophysics*, **67**, 478–483.
- Luchford, J., 2002, The Value of Pre-Stack Depth Migration in Evaluating Apparent Injection Features *in* 64th Mtg. Eur. Assn. Geosci. Eng., H022.
- Luchford, J., Gras, R., and Fakorede, D., 2002, Reducing Exploration and Production Risk by Visualisation and Seismic Classification - Case study from the North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., G043.
- Ludlow, S., 2000, The role of the seismic contractor in the new millenniumA slightly controversial view: *The Leading Edge*, **19**, 1303–1305.
- Luo, M., and Evans, B., 2002, Fracture Detection from Conventional 3D Marine Seismic - the SDFM Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., C043.
- Luo, Y., Marhoon, M., Dossary, S. A., and Alfaraj, M., 2002, Edge-preserving smoothing and applications: *The Leading Edge*, **21**, 136–142.
- Lupa, J., Flemings, P., and Tennant, S., 2002, Pressure and trap integrity in the deep-water Gulf of Mexico: *The Leading Edge*, **21**, 184–187.
- Luthfi, A., Purnomo, E., and Riadhy, S., 2002, Big Fish Discovery in Banggai Basin, Sulawesi, Indonesia - a Success Story Using PSDM Technique *in* 64th Mtg. Eur. Assn. Geosci. Eng., G007.
- Lynn, H. B., 2000, Overlap! OTC 2000 and the 9th International Workshop on Seismic Anisotropy16 years in the making and a cast of thousands: *The Leading Edge*, **19**, 874–876.
- Lynn, W., 2001, Presiden'ts Page: *The Leading Edge*, **20**, 124.
- Lynn, W., MacKay, S., Beasley, C., Chambers, R., and Connelly, D., 1989, The zero-velocity layer: Efficient wave-theoretical treatment of complex overburdens *in* 51st Mtg. Eur. Assn. of Expl. Geophys., 95.
- Ma, J., Clark, J., Pickup, G., and Chen, L., 2002, Modelling Sand Injection Structures for Permeability Upscaling *in* 64th Mtg. Eur. Assn. Geosci. Eng., H021.
- Ma, Q., 2002, The boundary element method for 3-D dc resistivity modeling in layered earth: *Geophysics*, **67**, 610–617.
- Ma, X. Q., 2001, Global joint inversion for the estimation of acoustic and shear impedances from AVO derived P- and S-wave reflectivity: *First Break*, **19**, 557–566.
- Maa, F., 2003, Seismic Illumination from Finite-Difference Modeling *in* 65th Mtg. Eur. Assn. Geosci. Eng., P146.
- Maa, F., Dong, H., Mjaaland, S., and Hokstad, K., 2002, Vector Fidelity Characterization of Ocean Bottom Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., E002.

- MacBeth, C., 2002, Compliance-Based Laws for the Dry-Frame Pressure Sensitivity of Sandstones *in* 64th Mtg. Eur. Assn. Geosci. Eng., B039.
- MacGregor, L., Eidesmo, T., Ellingsrud, S., Constable, S., Sinha, M., Johansen, S., Westerdahl, H., and Kong, F.-N., 2002, Remote Detection of Hydrocarbon Filled Layers Using Marine Controlled Source Electromagnetic Sounding *in* 64th Mtg. Eur. Assn. Geosci. Eng., D008.
- MacKay, S., 1990, Depth-focusing analysis and focal-surface imaging: A North Sea case history *in* 52nd Mtg. Eur. Assn. of Expl. Geophys., 110.
- MacKay, S., and Abma, R., 1989, Refining prestack depth-migration images without remigration *in* 51st Mtg. Eur. Assn. of Expl. Geophys., 98.
- MacKay, S., Douma, J., and Mobley, E., 2002, A Novel Compensation Method for the Source Directivity of an Air-Gun Array *in* 64th Mtg. Eur. Assn. Geosci. Eng., A006.
- MacKay, S., and Fried, J., 2002, Removing Distortions Caused by Water Velocity Variations - Method for Dynamic Correction *in* 64th Mtg. Eur. Assn. Geosci. Eng., B001.
- Macrides, C. G., and Kelamis, P., 2000, A 9-C, 2-D land seismic experiment for lithology estimation of a Permian clastic reservoir: The Leading Edge, **19**, 1109–1116.
- Mahob, P., Mahob, P., and Castagna, J. P., 2002, AVO hodograms and polarization attributes: The Leading Edge, **21**, 18–27.
- Mahrer, K. D., 2000a, A boring test: The Leading Edge, **19**, 769–770.
- , 2000b, Too many chefs an allegory: The Leading Edge, **19**, 1018–1019.
- , 2002, Writer's Block: The Leading Edge, **21**, 168.
- Malinverno, A., and Leaney, W., 2002, Monte Carlo Bayesian Look-Ahead Inversion of Walkaway Vertical Seismic Profiles *in* 64th Mtg. Eur. Assn. Geosci. Eng., B030.
- Mallick, S., 2002, Feasibility of Detection of Shallow-Water Flow Layers from Prestack Waveform Inversion *in* 64th Mtg. Eur. Assn. Geosci. Eng., D032.
- Mallick, S., Huang, X., Lauve, J., and Ahmad, R., 2000, Hybrid seismic inversion: A reconnaissance tool for deepwater exploration: The Leading Edge, **19**, 1230–1237.
- Malusa, M., Poletto, F., and Miranda, F., 2002, Prediction ahead of the bit by using drill-bit pilot signals and reverse vertical seismic profiling (RVSP): Geophysics, **67**, 1169–1176.
- Mann, J., Bergler, S., Zhang, Y., Chira, P., and Hubral, P., 2002, Generalizations of the Common-Reflection-Surface Stack *in* 64th Mtg. Eur. Assn. Geosci. Eng., E023.
- Marchetti, P., Cristini, A., and Cardone, G., 2002, 3D Zero Offset-Common Reflection Surface Stack for Land Data - Real Data Example *in* 64th Mtg. Eur. Assn. Geosci. Eng., B015.

- Marfurt, K., Wiley, R., Martin, G., House, L., and Larsen, S., 2002, The Next Generation of Shared Seismic Models for R&D *in* 64th Mtg. Eur. Assn. Geosci. Eng., E009.
- Marfurt, K. J., Zhou, H. W., Sekharan, K. K., Sheriff, R. E., Hall, S. A., Nagihara, S., and Hou, A., 2000, Future need for geophysicists and geophysical research in the oil business? Conclusions of a "listening tour": *The Leading Edge*, **19**, 974–980.
- Marquis, G., Darnet, M., and Sailhac, P., 2002, On the Use of Surface Electric Potential Measurements for Reservoir Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., H006.
- Martin, F., Smith, R., and Ward, J., 2002, First Breaks Analysis for 3D Shear Seismic Refraction Statics *in* 64th Mtg. Eur. Assn. Geosci. Eng., P003.
- Martinez, R., and Lee, S., 2002, A Strategy for Anisotropic P-Wave Prestack Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., F042.
- Martini, F., and Bean, C. J., 2002, Interface scattering versus body scattering in sub-basalt imaging and application of prestack wave equation datuming: *Geophysics*, **67**, 1593–1601.
- Martini, F., Hobbs, R., and Bean, C., 2002, Numerical Modelling for Sub-Basalt Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., C042.
- Martinsen, O., and Gjelberg, J., 2002, Paleocene Deep-Water Depositional Systems along the Eastern Margin of the Frontiernre and Vring Basins, Mid-Norway *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1003.
- Matias, M. S., Grangeia, C., Almeida, F., Gomes, C., and Rocha, F., 2002, GPR Surveying with a Remote Controlled Pulling System *in* 64th Mtg. Eur. Assn. Geosci. Eng., P046.
- Mauring, E., Beard, L. P., Kihle, O., and Smethurst, M. A., 2002, A comparison of aeromagnetic levelling techniques with an introduction to median levelling: *Geophys. Prosp.*, **50**, 43–54.
- Maxwell, S., Urbancic, T., and Zinno, R., 2002, Engineering Impact from Passive Seismic Imaging of Hydraulic Fractures *in* 64th Mtg. Eur. Assn. Geosci. Eng., H045.
- Mazzucchelli, P., Bienati, N., and Spagnolini, U., 2002, Model-Driven Data Interpolation vs. Velocity Knowledge Uncertainties *in* 64th Mtg. Eur. Assn. Geosci. Eng., B007.
- McGill, C., 2000a, State of the Net: *The Leading Edge*, **19**, 680.
- , 2000b, State of the Net: *The Leading Edge*, **19**, 824.
- , 2000c, State of the Net: *The Leading Edge*, **19**, 936.

- McGuire, D., Fasnacht, T., Drummond, J., Gamwell, P., Rodriguez, A., Taylor, M., Taylor, J., and Djordjevic, O., 2002, Beyond amplitude: Using 3D acoustic impedance data for development well planning at Marco Polo, deepwater Gulf of Mexico *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys.
- McMechan, G. A., Loucks, R. G., Mescher, P., and Zeng, X., 2002, Characterization of a coalesced, collapsed paleocave reservoir analog using GPR and well-core data: *Geophysics*, **67**, 1148–1158.
- de Meersman, K., van der Baan, M., and Kendall, J.-M., 2002, A New Technique for Improving Source Locations of Microseismic Events and Relative Tool Orientations *in* 64th Mtg. Eur. Assn. Geosci. Eng., P238.
- Melb, A. S., Robertsson, J., and Manen, D.-J. V., 2002, PZ Calibration Using Critically Refracted Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., A008.
- Menghini, A., Pagano, G., and Floris, S., 2002, TDEM Prospection in the Terme di Traiano Geothermal Field, Civitavecchia, Rome, Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., D015.
- Meunier, J., Bihan, N. L., Glangeaud, F., Mars, J., and Mari, J., 2002, Noise Rejection by Multicomponent SVD-Wiener Joint Filters *in* 64th Mtg. Eur. Assn. Geosci. Eng., P017.
- Meur, D. L., and Herrmann, P., 2002, Pre Conditioning of the Densely Sampled Stacking Velocity Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., B005.
- Michaels, P., 2002, Identification of subsonic P-waves: *Geophysics*, **67**, 909–920.
- Miecznik, J., Gajewski, A., and Czerwinski, T., 2002, Electromagnetic Energy Velocity in Non-Homogeneous Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., D014.
- Miranda, F., Poletto, F., Bertelli, L., Petronio, L., and Gressetvold, B., 2002, A SWD 3D RVSP Onshore Survey - Imaging and Final Results *in* 64th Mtg. Eur. Assn. Geosci. Eng., P015.
- Mitchell, A., 2002, An Integrated Approach to Risk Management Learning from Other Industries *in* 64th Mtg. Eur. Assn. Geosci. Eng., F011.
- Mittet, R., 2002a, Free-surface boundary conditions for elastic staggered-grid modeling schemes: *Geophysics*, **67**, 1616–1623.
- , 2002b, Multiple Suppression by Prestack Reverse Time Migration - a Nail in the Coffin *in* 64th Mtg. Eur. Assn. Geosci. Eng., P025.
- Mjelde, R., Fjellanger, J. P., Raum, T., Digranes, P., Kodaira, S., Breivik, A., and Shimamura, H., 2002, Where do P-S conversions occur? Analysis of OBS-data from the NE Atlantic Margin: First Break, **20**, 153–160.
- Mo, L.-W., and Harris, J. M., 2002, Finite-difference calculation of direct-arrival traveltimes using the eikonal equation: *Geophysics*, **67**, 1270–1274.

- Monastero, F., and Unruh, J., 2002, Definition of the Brittle-Plastic Transition in the Coso Geothermal Field, East-Central California, USA *in* 64th Mtg. Eur. Assn. Geosci. Eng., C035.
- Moore, I., and Kostov, C., 2002, Stable, Efficient, High-resolution Radon Transforms *in* 64th Mtg. Eur. Assn. Geosci. Eng., F034.
- Moretti, I., Delhomme, J. P., Cornet, F., Bernard, P., Schmidt-Hattenberger, C., and Borm, G., 2002, The Corinth Rift Laboratory: monitoring of active faults: First Break, **20**, 91–97.
- Morrice, D. J., Kenyon, A. S., and Beckett, C. J., 2001, Optimizing operations in 3-D land seismic surveys: *Geophysics*, **66**, 1818–1826.
- Morse, W., 2003, Musings on TLEs Forum III: Future Computing: The Leading Edge, **22**, 612–614.
- Mosconi, A., Merlini, S., and Magistroni, C., 2002, Unconventional Prospecting Methods - Hyperspectrometry Applications in the Circum-Mediterranean Region *in* 64th Mtg. Eur. Assn. Geosci. Eng., D040.
- Moskovskaya, L. F., 2003, Use of Sea-Bottom Electromagnetic System for Hydrocarbons Exploration on a Shelf *in* 65th Mtg. Eur. Assn. Geosci. Eng., P153.
- Mueller, T., Sick, C., and Shapiro, S., 2002, Frequency and Travel-Distance Characteristics of Scattering Attenuation Observed from Seismic Primaries *in* 64th Mtg. Eur. Assn. Geosci. Eng., C028.
- Mulder, W., and Plessix, R.-E., 2002, Time-Versus Frequency-Domain Modelling of Seismic Wave Propagation *in* 64th Mtg. Eur. Assn. Geosci. Eng., E015.
- Mulder, W. A., and ten Kroode, A. P. E., 2002, Automatic velocity analysis by differential semblance optimization: *Geophysics*, **67**, 1184–1191.
- Murphy, C., Mumaw, G., Fotland, B., and Sollid, K., 2002, Utilising FTG Data to Resolve Salt Development in the Nordkapp Basin Offshore Norway *in* 64th Mtg. Eur. Assn. Geosci. Eng., D006.
- Musil, M., Maurer, H., Green, A. G., Horstmeyer, H., Nitsche, F. O., Muhll, D. V., and Springman, S., 2002, Shallow seismic surveying of an Alpine rock glacier: *Geophysics*, **67**, 1701–1710.
- Muyzert, E., Kommedal, J., Iranpour, K., and Olofsson, B., 2002, Near-Surface S-Velocities, Statics, and Anisotropy Estimated from Scholte Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., F028.
- Nabighian, M. N., and Asten, M., 2002, Metalliferous mining geophysicsState of the art in the last decade of the 20th century and the beginning of the new millennium: *Geophysics*, **67**, 964–978.

- Nabighian, M. N., and Hansen, R. O., 2001, Unification of Euler and Werner deconvolution in three dimensions via the generalized Hilbert transform: *Geophysics*, **66**, 1805–1810.
- Nadeau, P., Walderhaug, O., Bjorkum, P., and Hay, S., 2002, Clay Diagenesis, Shale, Permeability, and Implications for Petroleum Systems Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., G003.
- Naess, O., and Henden, J., 2002, A 3D Test of Ocean Bottom 4C Recording *in* 64th Mtg. Eur. Assn. Geosci. Eng., F020.
- Natali, S., Roux, R., Dea, P., and Barrett, F., 2000, Cave Gulch 3-D Survey, Wind River Basin, Wyoming: A major gas discovery developed using poststack depth migration: *The Leading Edge*, **19**, 1286–1294.
- Naylor, M., and Spring, L., 2002, Exploration strategy development and performance management: A portfolio-based approach: *The Leading Edge*, **21**, 159–167.
- Neep, J., 2002, AVO Incidence Angles in Steep Dips *in* 64th Mtg. Eur. Assn. Geosci. Eng., C024.
- Neves, F., Al-Marzoug, A., Kim, J., and Nebrija, E., 2003, Fracture characterization of deep tight gas sands using azimuthal velocity and AVO seismic data in Saudi Arabia: *The Leading Edge*, **22**, 469–475.
- Newman, G., and Alumbaugh, D., 2002, Three-dimensional induction logging problems, Part 2: A finite-difference solution: *Geophysics*, **67**, 484–491.
- Nguyen, S., Bain, R., Noble, M., and Thierry, P., 2002, Ray-Based Anti-Aliasing for Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., A036.
- Nicolich, R., Primiero, A., Zgur, F., and Marzo, N. D., 2002, 3D Seismic Imaging and Numerical Modelling of Subsidence in Solution Mining of Rocksalt *in* 64th Mtg. Eur. Assn. Geosci. Eng., D022.
- Nielsen, L., Boldreel, L., and Vindum, J., 2002, High-resolution imaging of limestone mound structures in southwest Sweden and eastern Denmark from GPR measurements and marine seismic profiling *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1523–1526.
- Nindre, Y.-M. L., Bachu, S., and Heck, T., 2002, Regional Baseline Hydrogeology Prior to CO₂ Sequestration at the Weyburn Oilfield, Canada *in* 64th Mtg. Eur. Assn. Geosci. Eng., H009.
- Nissen, S., Watney, W., and Xia, J., 2002, Seismic detection of shallow natural gas beneath Hutchinson, Kansas *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1547–1550.
- Nordahl, K., Ringrose, P., Waldum, A., Naess, A., and Brandsaeter, I., 2002, Forward Modelling of Near Well-Bore Geology - a New Basis for Petrophysical Interpretation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P098.

- Norris, M., Hares, M., and Faichney, A., 2001a, SEG-UKOOA Ancillary Data Standard - ADS Trace Attributes: *Geophysics*, **66**, 1999–2039.
- , 2001b, SEG-UKOOA Ancillary Data Standard - ADS Trace Edit: *Geophysics*, **66**, 2040–2054.
- Notfors, C., Zhang, Y., Karazincir, M., Sun, J., and Hung, B., 2002, Amplitude Preserving v(z) Pre-stack Kirchhoff Migration, Demigration and Modeling *in* 64th Mtg. Eur. Assn. Geosci. Eng., B011.
- Oates, S., Weidler, R., Dyer, B., Baumgartner, J., and Gerard, A., 2002, Integrated Microseismic and Hydraulic Monitoring of HDR Reservoir Stimulation, Soulitz 2000 *in* 64th Mtg. Eur. Assn. Geosci. Eng., C040.
- Obilo, J., de Bazelaire, E., Rousset, D., Perroud, H., and Rappin, D., 2002, Amplitude Spectrum Variations due to Velocity Gradient *in* 64th Mtg. Eur. Assn. Geosci. Eng., C031.
- O'Connell, M., 2001, A heuristic method of removing micropulsations from airborne magnetic data: *The Leading Edge*, **20**, 1242–1244.
- Olofsson, B., Kommedal, J., Barkved, O., Alexandre, R., Brunelliere, J., and Muyzert, E., 2002, Continuous Progress in Processing Multicomponent Data - a Case Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., F022.
- Oppert, S., and Brown, R., 2002, A Comparison of Radon Transforms Applied to Long-Offset Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., F035.
- Orlando, L., 2002, Detection and analysis of LNAPL using the instantaneous amplitude and frequency of ground-penetrating radar data: *Geophys. Prosp.*, **50**, 27–41.
- Orlando, L., and Bernabini, M., 2002, Single and Multi-Fold Gonoradar Data for Geotechnical Problems *in* 64th Mtg. Eur. Assn. Geosci. Eng., D029.
- Orlic, B., Eijs, R. V., Zijl, W., and van Wees, J., 2002, Building a 3D Geomechanical Model of a Gas Field for Geohazard Prediction *in* 64th Mtg. Eur. Assn. Geosci. Eng., G036.
- Orlov, I., Koksharov, V., Kospanov, T., Bobrov, B., and Polozov, S., 2002, Amplitude of a Head Wave by Ray Method for Medium with Crossed Interfaces *in* 64th Mtg. Eur. Assn. Geosci. Eng., P103.
- Orlowsky, D., Misiek, R., and Lehmann, B., 2002, Soil Investigation Using Phase Velocity and Inhomogeneity Maps of Surface Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., P044.
- Ormos, T., 2002, Inversion of Refracted Travel-Times for Near-Surface Investigation *in* 64th Mtg. Eur. Assn. Geosci. Eng., D025.

- Osdal, B., and Also, T., 2002, Seismic Modelling of Eclipse Simulations and Comparison with Real 4D Data at the Norne Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., A029.
- Ouair, Y. E., and Pivot, F., 2002, Integration of Uncertainties Due to Pre-Stack Impedance Inversion in a Reservoir Characterization Process *in* 64th Mtg. Eur. Assn. Geosci. Eng., G023.
- van Overmeeren, R. A., 2001, Hagedoorn's plus-minus method: the beauty of simplicity: *Geophys. Prosp.*, **49**, 687–696.
- Oye, V., Roth, M., and Jahren, L., 2002, Automatic Real-Time Processing of Induced Microseismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P236.
- Paffenholz, J., Keliher, J., Ergas, R., and McLain, B., 2002a, Surface Marine All Azimuth Recording Technique *in* 64th Mtg. Eur. Assn. Geosci. Eng., A002.
- Paffenholz, J., Stefani, J., McLain, B., and Bishop, K., 2002b, SIGSBEE.2A Synthetic Subsalt Dataset - Image Quality as Function of Migration Algorithm and Velocity Model Error *in* 64th Mtg. Eur. Assn. Geosci. Eng., B019.
- Pagano, T. A., Fanchi, J. R., and Davis, T. L., 2000, An integrated flow model: the confluence of geophysics, reservoir engineering, and time: *The Leading Edge*, **19**, 1020–1023.
- Palmer, D., 2001, A new direction for shallow refraction seismology: integrating amplitudes and traveltimes with the refraction convolution section: *Geophys. Prosp.*, **49**, 657–673.
- Pan, J., 2002, The Nansen Discovery, East Breaks Block 602, Deepwater Gulf of Mexico - A geophysicist's perspective *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 428–431.
- Panaitov, G., Bick, M., Zhang, Y., and Krause, H.-J., 2002, Peculiarities of SQUID magnetometer application in TEM: *Geophysics*, **67**, 739–745.
- Parra, J. O., Hackert, C. L., Gorody, A. W., and Korneev, V., 2002a, Detection of guided waves between gas wells for reservoir characterization: *Geophysics*, **67**, 38–49.
- Parra, J. O., Hackert, C. L., and Xu, P.-C., 2002b, Characterization of fractured low Q zones at the Buena Vista Hills reservoir, California: *Geophysics*, **67**, 1061–1070.
- Pascucci, V., Merlini, S., and Mauffret, A., 2002, Seismic Analysis of the North Tyrrhenian Sea - Italian, -CROP- and French -LISA- Lines *in* 64th Mtg. Eur. Assn. Geosci. Eng., H026.
- Paterson, N. R., 2003, Geophysical developments and mine discoveries in the 20th century.: *The Leading Edge*, **22**, 558–561.
- Paul, D., 2000, Life of the geophysicist in the 21st century: An integrated major's perspective: *The Leading Edge*, **19**, 1306–1310.

- Pedersen, S., Randen, T., Sonneland, L., and Steen, O., 2002, Automatic 3D Fault Interpretation by Artificial Ants *in* 64th Mtg. Eur. Assn. Geosci. Eng., G037.
- Peirce, J., Sander, S., Charters, R., and Lavoie, V., 2002, Turner Valley, Canada - a Case History in Contemporary Airborne Gravity *in* 64th Mtg. Eur. Assn. Geosci. Eng., E044.
- Pennington, W., 2003, President's Page: The Leading Edge, **22**, 394–396.
- Pfau, G., Chen, R., Ray, A., Kapoor, J., Koechner, B., and Albertin, U., 2002, Imaging at Thunder Horse *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 432–433.
- Pham, D., and Li, J., 2002, Pre-Stack Time Migration for Rough and Rugged Mountain Areas *in* 64th Mtg. Eur. Assn. Geosci. Eng., B010.
- Piantanida, M., Sturniolo, L., Boschi, S., Bottani, C., Invernizzi, F., Marzorati, D., and Campobasso, S., 2002a, Optimising Withdrawal and Injection Performance for Gas Storage Reservoirs *in* 64th Mtg. Eur. Assn. Geosci. Eng., H012.
- Piantanida, M., Volpi, B., Bernorio, D., Nardon, S., and D'Andrea, M., 2002b, An Innovative Methodology for Analogues Identification in Reservoir Modelling *in* 64th Mtg. Eur. Assn. Geosci. Eng., H033.
- Pica, A., 2002, Fast Traveltime Reconstruction for the Velocity Scan in 3D-PreSDM Model Building for Isotropic and Anisotropic Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., F045.
- Pica, A., and Morandi, S., 2002, Present Day Temperature Analysis in Italian Plio-Pleistocene Foredeep Basins *in* 64th Mtg. Eur. Assn. Geosci. Eng., H031.
- Pieper, S., and Berlage, T., 2002, Enhancing Volume Visualization of 3D Seismic Data by Exploitation of 3D Texture Features *in* 64th Mtg. Eur. Assn. Geosci. Eng., P228.
- Pietsch, K., Porebski, S., and Hodiak, R., 2002, Shelf-Margin Deltas and Associated Turbidites - a Miocene Clinoform from the Carpathian Foredeep Basin in Poland *in* 64th Mtg. Eur. Assn. Geosci. Eng., P053.
- Pipan, M., Forte, E., and Finetti, I., 2002a, Pre-stack processing of multi-fold GPR data to study the stratigraphy of shallow unconsolidated sediments *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1531–1534.
- Pipan, M., Forte, E., Forlin, E., and Finetti, I., 2002b, Integrated Magnetic and GPR Study of the Medinet Madi Archaeological Site, Egypt *in* 64th Mtg. Eur. Assn. Geosci. Eng., D045.
- Pipan, M., de Vecchi, M., Forte, E., and Tabacco, I., 2002c, Wavelet Based Processing of Airborne Radar Data from East Antarctica *in* 64th Mtg. Eur. Assn. Geosci. Eng., D035.

- Plessix, R.-E., and Mulder, W., 2002, How to Choose a Subset of Frequencies for Frequency-Domain Finite-Difference Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., A038.
- Poletto, F., Carcione, J. M., Lovo, M., and Miranda, F., 2002, Acoustic velocity of seismic-while-drilling (SWD) borehole guided waves: *Geophysics*, **67**, 921–927.
- Poletto, F., and Dordolo, G., 2002, A new approach to offshore drill-bit reverse vertical seismic profiling (RVSP): *Geophysics*, **67**, 1071–1075.
- Polissi, M., Piantanida, M., and Salvaneschi, L., 2002, Delivering E&P Applications, Data and Knowledge in a Geographically Distributed Environment *in* 64th Mtg. Eur. Assn. Geosci. Eng., P225.
- Polom, U., and Durst, H., 2002, Aspects of Signal Quality to Vibroseis Shear Wave Data a 2D Reflection Seismic Case Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., P081.
- Popovici, A. M., and Sethian, J., 2002, 3-D imaging using higher order fast marching traveltimes: *Geophysics*, **67**, 604–609.
- Portniaguine, O., and Zhdanov, M. S., 2002, 3-D magnetic inversion with data compression and image focusing: *Geophysics*, **67**, 1532–1541.
- Posamentier, H., 2002a, Mid-Shelf Lowstand and Transgressive Systems Tract Deposits of Southeast Asia - Examples from Offshore Java and Malaysia *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1001.
- , 2002b, Seismic Geomorphology and Depositional Systems of Deep Water Environments; Observations from Offshore Nigeria, Gulf of Mexico, and Indonesia *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1009.
- Postel, J., Larroque, M., Slabbert, M., and Duweke, W., 2002, How 3D Seismic Can Help Enhance Mining ? *in* 64th Mtg. Eur. Assn. Geosci. Eng., D019.
- Poulton, M., 2002, Neural networks as an intelligence amplification tool: A review of applications: *Geophysics*, **67**, 979–993.
- Powell, J., 2002, Toward a solution: The Leading Edge, **21**, 83.
- Prasad, M., 2002, Acoustic measurements in unconsolidated sands at low effective pressure and overpressure detection: *Geophysics*, **67**, 405–412.
- Pratt, R., Gao, F., Zelt, C., and Levander, A., 2002, A Comparison of Ray-Based and Waveform Tomography - Implications for Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., B023.
- Pride, S. R., Harris, J., Johnson, D. L., Mateeva, A., Nihei, K., Nowack, R. L., Rector, J., Spetzler, H., Wu, R., Yamamoto, T., Berryman, J., and Fehler, M., 2003, Permeability dependence of seismic amplitudes: The Leading Edge, **22**, 518–525.

- Pride, S. R., Tromeur, E., and Berryman, J. G., 2002, Biot slow-wave effects in stratified rock: *Geophysics*, **67**, 271–281.
- Prioul, R., and Bakulin, A., 2002, Predicting Velocities under Stress in Anisotropic Formations - Model and Experimental Validation *in* 64th Mtg. Eur. Assn. Geosci. Eng., B034.
- Probert, T., Bryan, R., Underwood, D., Mueller, M., Lyon, T., and Rowson, C., 2002, Multicomponent Seismic Challenges on a Mud Volcano - Imaging the Azeri Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., F017.
- Proubasta, D., 2000a, Alistair Brown's three personal crusades: *The Leading Edge*, **19**, 910–911.
- , 2000b, Interview with Dave Robson, chairman and founder of Veritas DGC: *The Leading Edge*, **19**, 856–859.
- , 2000c, Interview with Mike Forrest, "father of bright spots" and "oil finder" at Shell Oil: *The Leading Edge*, **19**, 1184–1186.
- , 2000d, Milo Backus: *The Leading Edge*, **19**, 963–970.
- Ptetsov, S., Chalov, S., Matusevich, V., Maliarova, T., and Kerusov, A., 2002, Reservoir Property Solutions Using Porosity and Poisson Cube Prediction from 3D Seismic and Well Log Data Case Studies from Russia, Western Siberia *in* 64th Mtg. Eur. Assn. Geosci. Eng., G021.
- Pullammanappallil, S., and Honjas, W., 2002, Using Nonlinear Velocity Optimization Techniques for 2D and 3D Imaging of Geothermal Fields *in* 64th Mtg. Eur. Assn. Geosci. Eng., C036.
- Qian, J., and Symes, W. W., 2002a, An adaptive finite-difference method for traveltimes and amplitudes: *Geophysics*, **67**, 167–176.
- , 2002b, Finite-difference quasi-P traveltimes for anisotropic media: *Geophysics*, **67**, 147–155.
- Quigley, J., Haggag, I., Jeelani, A. A., and Kleiss, E., 2002, Improved Seismic Resolution through Fine Spatial Sampling - a 2D Example, Onshore Abu Dhabi *in* 64th Mtg. Eur. Assn. Geosci. Eng., A001.
- Quiroga-Goode, G., 2002, Residual Strain in Biot Porous Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P092.
- Raiche, A., Annetts, D., and Sugeng, F., 2002, Airborne EM Detection of Targets Beneath Complex Cover *in* 64th Mtg. Eur. Assn. Geosci. Eng., D036.
- Ralston, M., Spikes, K., Steeples, D., Blair, J., and Gang, T., 2002, Analysis of an automated three-component shallow seismic acquisition system *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1551–1554.

- Ramos, A. C. B., and Castagna, J. P., 2001, Useful approximations for converted-wave AVO: *Geophysics*, **66**, 1721–1734.
- Ramos-Martinez, J., and McMechan, G. A., 2002, Full wavefield inversion to estimate impact-source orientation from multicomponent land seismic data: *Geophysics*, **67**, 562–572.
- Rasolofosaon, P. N. J., and Zinszner, B. E., 2002, Comparison between permeability anisotropy and elasticity anisotropy of reservoir rocks: *Geophysics*, **67**, 230–240.
- Ravat, D., Whaler, K., Pilkington, M., Sabaka, T., and Purucker, M., 2002, Compatibility of high-altitude aeromagnetic and satellite-altitude magnetic anomalies over Canada: *Geophysics*, **67**, 546–554.
- Ravaut, C., Operto, S., Improtta, L., Herrero, A., Virieux, J., and Dell’Aversana, P., 2002a, Seismic Imaging of a Thrust Belt by Traveltime and Frequency-Domain Waveform Inversions *in* 64th Mtg. Eur. Assn. Geosci. Eng., E038.
- Ravaut, P., Mouly, B., and Salel, J., 2002b, Seismic and Airborne Gravity in Upper Magdalena Basin-Foothills Onshore Colombia *in* 64th Mtg. Eur. Assn. Geosci. Eng., E042.
- Ravazzoli, C., Carcione, J., Santos, J., and Helle, H., 2001, Acoustic properties of an overpressured sandstone saturated by immiscible fluids *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1788–1791.
- Re, S., Bernasconi, G., and Drufuca, G., 2002, Modelling and Analysis of Drilling Dynamics Measurements *in* 64th Mtg. Eur. Assn. Geosci. Eng., P013.
- Reid, J. E., and MacNae, J., 2002, Resistive limit modeling of airborne electromagnetic data: *Geophysics*, **67**, 492–500.
- Renard, F., and Lailly, P., 2001, How to handle correlated noise in seismic inversion *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 690–693.
- Riahi, M., and Shahabian, J., 2002, Detecting Shallow Reflectors at the Khoor Bia-banak Playa Site Using High-Resolution Reflection Method *in* 64th Mtg. Eur. Assn. Geosci. Eng., P047.
- Richards, A., and Williams, G., 2002, Structural Restoration - an Approach for Automation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P055.
- Rickett, J. E., and Sava, P. C., 2002, Offset and angle-domain common image-point gathers for shot-profile migration: *Geophysics*, **67**, 883–889.
- Ridgway, J. R., and Zumberge, M. A., 2002, Deep-towed gravity surveys in the southern California Continental Borderland: *Geophysics*, **67**, 777–787.
- Riel, P. V., 2000, The past, present, and future of quantitative reservoir characterization: The Leading Edge, **19**, 878–881.

- Ritchie, B., MacGregor, A., Strudley, A., and Goto, R., 2002, The Impact of New 4D Seismic Technology on the Magnus Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., A020.
- Roberts, G., Went, D., Hawkins, K., Williams, R., Kabir, N., Nash, T., and Whitcombe, D., 2002, Case Study of Long Offset Acquisition, Processing and Interpretation over the Harding Field, North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., G014.
- Roberts, G., Wombell, R., Gray, D., Al-Shamsi, A., Suwaina, O., Ajlani, M., Ebed, A., and Al-Kaabi, M., 2001, Fracture orientation estimation from azimuthal AVO, offshore Abu Dhabi *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 308–311.
- Roberts, M., and Reilly, S., 2002, Frontier Exploration on the Abyssal Plain of the Deepwater Gulf of Mexico - Syn-Rift through Passive Stage Mesozoic Objectives Identified *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1004.
- Robertsson, J. O. A., and Curtis, A., 2002, Wavefield separation using densely deployed three-component single-sensor groups in land surface-seismic recordings: *Geophysics*, **67**, 1624–1633.
- Roden, R., 2000, A personal overview of the Calgary 2000 Technical Program: The Leading Edge, **19**, 1330–1339.
- , 2002, San Antonio 2001 Technical Program: some highlights: The Leading Edge, **21**, 84–89.
- de Rooij, M., Hemstra, N., and van Boom, R., 2002, Fracture Detection from Pre-Stack P-Wave Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P034.
- Roslov, Y., Telegin, A., Sakoulina, T., and Tikhonova, I., 2002, Time Images Derived from Refracted Wave Kirchhoff Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., P021.
- Ross, C. P., 2002, Comparison of popular AVO attributes, AVO inversion, and calibrated AVO predictions: The Leading Edge, **21**, 244–252.
- Ross, C. P., and Sparlin, M. A., 2000, Improved crossplot analysis using visualization techniques: The Leading Edge, **19**, 1188–1199.
- Rossi, G., Moro, G. D., Mammo, T., Yabar, D. N., Picotti, S., Vesnaver, A., and Vuan, A., 2001, A 3-D seismic survey for groundwater protection *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1333–1336.
- Rosten, T., Amundsen, L., Robertsson, J., and Kragh, E., 2002, Rough-Sea Deghosting Using Vertical Particle Velocity Field Approximations *in* 64th Mtg. Eur. Assn. Geosci. Eng., P086.
- Rothert, E., and Shapiro, S., 2001, Microseismic reservoir characterization: numerical experiments and case studies *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1584–1587.

- , 2002, Microseismic Modeling and Inversion for Hydraulic Properties of Reservoirs *in* 64th Mtg. Eur. Assn. Geosci. Eng., H042.
- Roy, B., Hooper, J., Queen, J., Bayuk, I., Kukharenko, Y., and Chesnokov, E., 2001, Prediction of frequency dependent velocity in porous reservoirs *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1933–1936.
- Royak, M., Soloveichik, Y., Chernyshev, A., and Persova, M. G., 2003, 3D-Procedure of Conductivity Reconstruction Using Transient Electromagnetic Sounding Data *in* 65th Mtg. Eur. Assn. Geosci. Eng., P155.
- Russell, B., 2000, The evolving workplace for geophysicists: The Leading Edge, **19**, 1314–1320.
- Russell, B., Ross, C. P., and Lines, L., 2002, Neural networks and AVO: The Leading Edge, **21**, 268–277.
- Rutherford, N., 2000, Happy 70th anniversary, SEG Annual Meeting! Welcome back to Calgary: The Leading Edge, **19**, 716–717.
- Rutledal, H., Elde, R., van Wijngaarden, A.-J., Helgesen, J., Buran, H., and Weisser, T., 2002, Time-Lapse Elastic Inversion at the Oseberg Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., A031.
- Rutledge, J., and Phillips, W., 2001, High-resolution microseismic imaging of a Cotton Valley hydraulic fracture *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 404–407.
- Ruvo, L., Aldegheri, A., Galimberti, R., Nembrini, E., Rossi, L., and Ruspi, R., 2002, Armatella Field - an Example of a Multi-Disciplinary Integrated Approach to a Reservoir Study *in* 64th Mtg. Eur. Assn. Geosci. Eng., F006.
- Ryzhov, A., and Fedotov, S., 2002, New Electrodynamic Geophones *in* 64th Mtg. Eur. Assn. Geosci. Eng., P082.
- Sabadell, J., 2001, Spectral localization of seismic data with a phase corrected wavelet transform *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 595–597.
- Saccorotti, G., Ventura, G., and Vilardo, G., 2002, Seismic swarms related to diffusive processes: The case of Somma-Vesuvius volcano, Italy: Geophysics, **67**, 199–203.
- Saenger, E., and Bohlen, T., 2002, Viscoelastic Finite-Difference Modeling Using the Rotated Staggered Grid *in* 64th Mtg. Eur. Assn. Geosci. Eng., C025.
- Saenger, E., Krueger, O., and Shapiro, S., 2002, Seismic Signatures of Fractured Rocks - Effective Velocities of 3D Media with Penny-Shaped Cracks *in* 64th Mtg. Eur. Assn. Geosci. Eng., P032.
- Saenger, E., and Shapiro, S., 2001, A numerical study of effective velocities in fractured media: Intersecting and parallel cracks *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1728–1731.

- Saidi, M., Ghenima, R., and Jemia, G. B., 2002, Origin of the Abiod Reservoir Oils by Co-Sourcing from Bahoul and Fahdene Source Rocks-Northern Kairouan Area-Tunisia *in* 64th Mtg. Eur. Assn. Geosci. Eng., G005.
- Sambuelli, L., Albis, G., Giorcelli, E., and Tristano, G., 2001, Comparison of standard horizontal geophones and newly designed horizontal detectors: *Geophysics*, **66**, 1827–1837.
- Sanfirov, I., Yroslavcev, A., and Kvirkvelia, S., 2002, Mapping Potential Shallow Hazards Technical Origin by Seismic Reflection CDP *in* 64th Mtg. Eur. Assn. Geosci. Eng., P045.
- Santarato, G., Zeid, N. A., Morelli, A., and Morelli, G., 2002, Fully 3D Electrical Resistivity Methods to Monitor Restoration of Historical Structures *in* 64th Mtg. Eur. Assn. Geosci. Eng., D042.
- Santos, J., Santos, J., Ravazzoli, C., Gauzellino, P., and Cavallini, F., 2002, Prediction and Simulation of a Second Slow Wave in Partially Saturated Porous Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., P096.
- Sarkar, D., Bakulin, A., and Kranz, R., 2002a, Anisotropic Inversion of Seismic Data for Stressed Media - Theory and a Physical-Modeling Study on Berea Sandstone *in* 64th Mtg. Eur. Assn. Geosci. Eng., B033.
- Sarkar, D., Baumel, R. T., and Larner, K. L., 2002b, Velocity analysis in the presence of amplitude variation: *Geophysics*, **67**, 1664–1672.
- Sarti, M., Cuia, R. D., and Claps, M., 2002, Use of Field Analogues to Better Understand Subsurface Reservoir Facies Distribution - the Upper Cretaceous Limestone of the Apulian Platform, Murge, Southern Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., F008.
- Sartoretti, M., and Thore, P., 2002, Uncertainty Characterization, Looking Back on the Data from the Model Space *in* 64th Mtg. Eur. Assn. Geosci. Eng., P233.
- Savtchenko, V., 2002a, Geological Structure and Petroleum Prospects of the Southern Seas of Russia - Problems of Studies *in* 64th Mtg. Eur. Assn. Geosci. Eng., E046.
- , 2002b, Temperature Anomalies Prove the Newest Migration of Hydrocarbons in the Pripyat-Donets Complex Deep *in* 64th Mtg. Eur. Assn. Geosci. Eng., P065.
- Sayers, C. M., 2002, Stress-dependent elastic anisotropy of sandstones: *Geophys. Prosp.*, **50**, 85–95.
- Sayers, C. M., Johnson, G. M., and Denyer, G., 2002a, Predrill pore-pressure prediction using seismic data: *Geophysics*, **67**, 1286–1292.
- Sayers, C. M., Woodward, M. J., and Bartman, R. C., 2002b, Seismic pore-pressure prediction using reflection tomography and 4-C seismic data: *The Leading Edge*, **21**, 188–192.

- Scales, J. A., and Ecke, H., 2002, What programming languages should we teach our undergraduates?: *The Leading Edge*, **21**, 260–267.
- Schalkwijk, K., Verschuur, D., and Wapenaar, C., 2001, A decomposition and multiple removal strategy for multicomponent OBC data *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys.
- Schmeissner, C., Spikes, K. T., and Steeples, D. W., 2001, Recording seismic reflections using rigidly interconnected geophones: *Geophysics*, **66**, 1838–1842.
- Schmidt, T., 2001, J.H. Hagedoorn - inventing the Hapa: A review of a geophysicist's 'other' work and how it inspired others: *Geophys. Prosp.*, **49**, 735–745.
- Schneider, R. V., Gordon, M. B., Sempere, J., Willacy, C., Hightower, S., and Scholz, S. F., 2000, Prestack depth imaging in the eastern Gulf of Mexico Part 1: Initial analysis in an underexplored area: *The Leading Edge*, **19**, 1340–1343.
- Schneider, W. A., 2002, A simple, exact solution for the P-SV wave conversion point via prestack migration: *Geophysics*, **67**, 1634–1636.
- Scholtz, P., 2002, Amplitude Analysis of Harmonics on Vibrator Generated Direct Waves *in* 64th Mtg. Eur. Assn. Geosci. Eng., P083.
- Schonewille, M., and Zwartjes, P., 2002, High-Resolution Transforms and Amplitude Preservation *in* 64th Mtg. Eur. Assn. Geosci. Eng., F033.
- Schroot, B., 2002, North Sea Shallow Gas as a Natural Analogue in Feasibility Studies on CO₂ Sequestration *in* 64th Mtg. Eur. Assn. Geosci. Eng., H010.
- Schuck, A., Rost, F., Czolbe, P., and Klafki, M., 2002, Time Lapse Seismic for the Development of an Underground Gas Storage *in* 64th Mtg. Eur. Assn. Geosci. Eng., H014.
- Schulte, T., 2002, Reducing Ambiguity and Assessing Uncertainty in Seismic Lithology Discrimination and Rock Property Prediction through Three Parameter AVO - Petrophysics and Geostatistical Methods *in* 64th Mtg. Eur. Assn. Geosci. Eng., G017.
- Schuster, G. T., and Liu, Z., 2001, Seismic array theorem and rapid calculation of acquisition footprint noise: *Geophysics*, **66**, 1843–1849.
- Scott, C., Rector, J., Kunerth, D., Weinberg, D., and Johnson, J., 2001, Laboratory acoustic reflection measurements in porous media with THF-hydrate *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys.
- Seaborne, T., and Seaborne, T., 2002, A review of CO₂ emissions from marine seismic surveys: *The Leading Edge*, **21**, 78–9008.
- SEG, 2000a, 2000 Award recipients: *The Leading Edge*, **19**, 722.
- , 2000b, 2000 Awards Citations: *The Leading Edge*, **19**, 1003–1014.

- , 2000c, An introduction to this special section: Geophysics in the new millennium: The Leading Edge, **19**, 1298.
- , 2000d, Memorial: The Leading Edge, **19**, 924.
- , 2000e, Memorials: The Leading Edge, **19**, 1140–1141.
- , 2000f, Memorials: The Leading Edge, **19**, 1257.
- , 2000g, Memorials: The Leading Edge, **19**, 1357–1359.
- , 2000h, Proposed Amendments to the SEG Constitution and Bylaws: The Leading Edge, **19**, 763–764.
- , 2001a, 2001 Awards Citations: The Leading Edge, **20**, 1293–1304.
- , 2001b, Discussion with reply by author on "An analytical expression for the gravity field of a polyhedral body with linearly varying density" (R. O. Hansen, Geophysics, 64, 75-77).: Geophysics, **66**, 1327–1328.
- , 2001c, Discussion with reply by authors on "Preferential continuation for potential-field anomaly enhancement" (R. Pawlowski, Geophysics, 60, 390-398).: Geophysics, **66**, 695–698.
- , 2001d, Foundation News: The Leading Edge, **20**, 1248.
- , 2001e, Memorials: The Leading Edge, **20**, 215.
- , 2002a, Errata To: "Ellipsoid, geoid, gravity, geodesy, and geophysics," X. Li and H.-J. Gtze (Geophysics, 66, 16601668).: Geophysics, **67**, 0997.
- , 2002b, Errata to: "Gravity anomalies of 2-D bodies with variable density contrast," J. Zhang, B. Zhong, X. Zhou, and Y. Dai (Geophysics 66, 809-813).: Geophysics, **67**, 324–325.
- , 2002c, Evaluating groundwater in arid lands using airborne magnetic/EM methods: An example in the southwestern U.S. and northern Mexico: The Leading Edge, **21**, 62–64.
- , 2002d, Memorials: The Leading Edge, **21**, 212–213.
- , 2002e, Surviving the shortage of oil and gas professionals: The Leading Edge, **21**, 38–39.
- , 2003a, Amplitude-Preserving Decoupled Prestack Depth Migration *in* 65th Mtg. Eur. Assn. Geosci. Eng., P148.
- , 2003b, High Accuracy Land Gravity Gradient Measurements Case Histories *in* 65th Mtg. Eur. Assn. Geosci. Eng., P156.
- , 2003c, Interpreter Sam: The Leading Edge, **22**, 534–534.

- , 2003d, Memorials: Thomas B. Portwood, Jr.; J. Edward White: The Leading Edge, **22**, 488–490.
- , 2003e, The Stable Downward Continuation of Potential Field Data *in* 65th Mtg. Eur. Assn. Geosci. Eng., P152.
- Seol, S. J., Suh, J. H., Song, Y., Kim, H. J., and Lee, K. H., 2002, The potential of fracture imaging using high-frequency, single-hole electromagnetic data: *Geophysics*, **67**, 1087–1094.
- Serafini, G., Arduini, M., Castellano, P., Ortenzi, A., Pontiggia, M., and Pontiggia, M., 2002, The Abu Madi FM - in the Baltim Fields - an Integrated Approach to the Reservoir Characterisation *in* 64th Mtg. Eur. Assn. Geosci. Eng., H035.
- Serazzi, M., and Marchini, F., 2002, Using DHIs for Calibrating Depth Maps - a Case History from an Offshore Oil Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., P051.
- Serbutoviez, S., Naville, C., Bruneau, J., Huguet, F., and Reinier, M., 2002, PAM-3C VSP - Preserved and True Amplitude 3 Component VSP - Primary Results *in* 64th Mtg. Eur. Assn. Geosci. Eng., P018.
- Seren, S., Eder-Hinterleitner, A., Neubauer, W., and Melichar, P., 2002, Large Scale Integrated Archaeological Prospection - Verifying Magnetics, Resistivity and GPR *in* 64th Mtg. Eur. Assn. Geosci. Eng., D046.
- Shanor, G., Rawanchaikul, M., Sams, M., Muggli, R., Tiley, G., and Ghulam, J., 2002, From seismic to simulator through geostatistical modelling and inversion: Makarem gas accumulation, Sultanate of Oman: *First Break*, **20**, 110–115.
- Shapiro, S., and Gurevich, B., 2002, An introduction to this Special Section: Seismic signatures of fluid transport: *Geophysics*, **67**, 197–198.
- Shapiro, S., Rothert, E., Rath, V., and Rindschwentner, J., 2002, Characterization of fluid transport properties of reservoirs using induced microseismicity: *Geophysics*, **67**, 212–220.
- Shapiro, S., and Troyan, V., 2002, Stress Dependences of Seismic Velocities in Porous and Fractured Rocks *in* 64th Mtg. Eur. Assn. Geosci. Eng., B035.
- Shaw, S., Weglein, A., Foster, D., Matson, K., Carvalho, P., and Corrigan, D., 2002, An Inverse-Scattering Sub-Series for Predicting the Spatial Location of Reflectors without the Precise Reference Medium and Wave Velocity *in* 64th Mtg. Eur. Assn. Geosci. Eng., A013.
- Shen, F., Sierra, J., Burns, D., and Toksoz, M. N., 2002a, Azimuthal offset-dependent attributes applied to fracture detection in a carbonate reservoir: *Geophysics*, **67**, 355–364.
- Shen, F., Zhu, X., and Toksoz, M. N., 2002b, Effects of fractures on NMO velocities and P-wave azimuthal AVO response: *Geophysics*, **67**, 711–726.

- Shin, C., Marfurt, K. J., Park, K., Min, D.-J., Yoon, K., Yang, D., Ha, T., Ko, S., Kim, W., and Hong, S., 2002a, Traveltime and amplitude calculation using a perturbation approach: *Geophysics*, **67**, 1648–1655.
- Shin, C., Min, D.-J., Marfurt, K. J., Lim, H. Y., Yang, D., Cha, Y., Ko, S., Yoon, K., Ha, T., and Hong, S., 2002b, Traveltime and amplitude calculations using the damped wave solution: *Geophysics*, **67**, 1637–1647.
- Shin, C., Yoon, K., Marfurt, K. J., Park, K., Yang, D., Lim, H. Y., Chung, S., and Shin, S., 2001, Efficient calculation of a partial-derivative wavefield using reciprocity for seismic imaging and inversion: *Geophysics*, **66**, 1856–1863.
- Shoham, Y., 2000, President's Page: *The Leading Edge*, **19**, 1272.
- Shrestha, R., and Boeckmann, M., 2002, High-Resolution 3D Impedance Data for Reservoir Modeling in 64th Mtg. Eur. Assn. Geosci. Eng., H037.
- Sibiriakov, B., 2002, Is There Perspectives to Find Out Fluids in Cracks Due to Seismic Waves Attenuation in 64th Mtg. Eur. Assn. Geosci. Eng., P097.
- Siguaw, S. G., Estes-Jackson, J. E., Ingraham, S. E., and Shewmake, D. W., 2001, An integrated 3-D reservoir characterization at Riverton Dome Field, Wyoming: *The Leading Edge*, **20**, 1226–1233.
- Siliqi, R., 2001, Technological leap in time processing focuses the data throughout anisotropic media: *First Break*, **19**, 612–618.
- Silva, J. B. C., Medeiros, W. E., and Barbosa, V. C. F., 2002, Practical applications of uniqueness theorems in gravimetry: Part IConstructing sound interpretation methods: *Geophysics*, **67**, 788–794.
- Singer, J., Barzandji, O., Leu, W., Rode, E., Akrawi, K., Linthorst, S., and Dangel, S., 2002, Spectroscopic Identification of Tremor Phenomena over Hydrocarbon Reservoirs in 64th Mtg. Eur. Assn. Geosci. Eng., H046.
- Singh, B., 2002, Simultaneous computation of gravity and magnetic anomalies resulting from a 2-D object: *Geophysics*, **67**, 801–806.
- Slater, C., Fletcher, J., Walder, D., Marsh, J., and MacGregor, J., 2002, 4D Monitoring of Schiehallion Field, UKCS in 64th Mtg. Eur. Assn. Geosci. Eng., A025.
- Slater, L. D., and Lesmes, D., 2002, IP interpretation in environmental investigations: *Geophysics*, **67**, 77–88.
- Slater, L. D., and Reeve, A., 2002, Investigating peatland stratigraphy and hydrogeology using integrated electrical geophysics: *Geophysics*, **67**, 365–378.
- Slawinski, R., and Krebes, E. S., 2002, Finite-difference modeling of SH-wave propagation in nonwelded contact media: *Geophysics*, **67**, 1656–1663.

- Sliaupa, S., Sliaupiene, R., Lazauskiene, J., Grotek, I., Sidorov, V., and Korabliova, L., 2002, Genetic Features of Anhydrite Domes, Western Lithuania *in* 64th Mtg. Eur. Assn. Geosci. Eng., P061.
- Smallwood, J. R., 2002, Use of Vo-K depth conversion from shelf to deep-water: how deep is that brightspot?: First Break, **20**, 99–107.
- Smith, R. S., and Lee, T. J., 2002, The moments of the impulse response: A new paradigm for the interpretation of transient electromagnetic data: Geophysics, **67**, 1095–1103.
- Smith, T. M., and Sondergeld, C. H., 2001, Examination of AVO responses in the eastern deepwater Gulf of Mexico: Geophysics, **66**, 1864–1876.
- Soininen, H., Sugeng, F., and Raiche, A., 2002, Modelling of EM Dipole-Dipole Drill-Hole Data with Loki Edge Finite-Element Program *in* 64th Mtg. Eur. Assn. Geosci. Eng., D002.
- Soldo, J., Lenge, D., Sigismondi, M., Telles, A., Sena, A., and Smith, T., 2001, 3-D AVO and seismic inversion in Maria Ines Oeste Field, Santa Cruz, Argentina, a case study *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 197–200.
- Soma, N., Niitsuma, H., and Baria, R., 2002, Reflection technique in time-frequency domain using multicomponent acoustic emission signals and application to geothermal reservoirs: Geophysics, **67**, 928–938.
- Song, S., and Innanen, K., 2002, Multiresolution modeling and seismic wavefield reconstruction in attenuating media: Geophysics, **67**, 1192–1201.
- Song, Y., Kim, H., and Lee, K. H., 2002a, High-frequency electromagnetic impedance method for subsurface imaging: Geophysics, **67**, 501–510.
- Song, Y., Kim, H. J., and Lee, K. H., 2002b, An integral equation representation of wide-band electromagnetic scattering by thin sheets: Geophysics, **67**, 746–754.
- Soroka, W., Fitch, T., Sickle, K. V., and North, P., 2002, Successful production application of 3-D amplitude variation with offset: The lessons learned: Geophysics, **67**, 379–390.
- Sorokin, A., and Meged, G., 2001, Properties of fractured-porous collectors from PM VSP and logging data *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 495–498.
- Soubaras, R., 2002a, Attenuation of Acquisition Footprint for Non-Orthogonal 3D Geometries *in* 64th Mtg. Eur. Assn. Geosci. Eng., C009.
- , 2002b, Comparison of Kirchhoff and Wave-Equation Pre-Stack Migration on OBC Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., A043.
- Soukina, S., Gajewski, D., and Kashtan, B., 2002, Linearized Quasi-Shear Wave Inversion Using QI Approximation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P106.

- van Spaendonck, R., Fernandes, F., Baraniuk, R., and Fokkema, J., 2002, Local Hilbert Transformation for Seismic Attributes *in* 64th Mtg. Eur. Assn. Geosci. Eng., P028.
- Sparkman, G., 2001a, An introduction to this special section: Basin Scale Seismic Stratigraphy, Expanding the search: The Leading Edge, **20**, 1251.
- , 2001b, An introduction to this special section: Taking us to the next level: The Leading Edge, **20**, 165.
- Spetzler, J., 2002, High-Resolution Velocity Model Estimation Using Low-Frequency Broadband Waveform Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., C022.
- Spichak, V., 2002, Advanced 3D Interpretation Technologies Applied to the MT Data in the Minamikayabe Thermal Area - Hokkaido, Japan *in* 64th Mtg. Eur. Assn. Geosci. Eng., D016.
- Spikes, K. T., Ralston, M., and Steeples, D., 2001a, Obtaining CMP data with automatically planted geophones *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1369–1372.
- Spikes, K. T., Steeples, D. W., Schmeissner, C., Prado, R., and Pavlovic, M., 2001b, Varying the effective mass of geophones: Geophysics, **66**, 1850–1855.
- Spitzer, R., Green, A. G., and Nitsche, F. O., 2001, Minimizing field operations in shallow 3-D seismic reflection surveying: Geophysics, **66**, 1761–1773.
- Stammeijer, J., Cooke, G., and Kloosterman, H., 2002, 4D-Driven Asset Optimisation *in* 64th Mtg. Eur. Assn. Geosci. Eng., A026.
- Stanghellini, G., and Bonazzi, C., 2002, Local-trace zeroing and spike zeroing: Two short automated noise-rejection routines to remove noise and spikes on seismic traces: Geophysics, **67**, 188–196.
- Stark, T. J., Dorn, G. A., and Cole, M. J., 2000, ARCO and immersive environments, Part 2: Oil industry experience with immersive environments: The Leading Edge, **19**, 884–890.
- Steeghs, P., and Drijkoningz, G., 2001, Seismic sequence analysis and attribute extraction using quadratic time-frequency representations: Geophysics, **66**, 1947–1959.
- Stekl, I., and Pain, C., 2002, 3D Frequency Domain Visco-Acoustic Modeling Using Rotated Finite Difference Operators *in* 64th Mtg. Eur. Assn. Geosci. Eng., C027.
- Sternbach, L. R., and Roden, R., 2002, If we knew then, what we know now: The 20-year transformation of the oil business as recorded in $|I_L|TLE|/I_L$ 1982-2002: The Leading Edge, **21**, 120–121.
- Stewart, R. R., Gaiser, J., Brown, R. J., and Lawton, D. C., 2002, Converted-wave seismic exploration: Methods: Geophysics, **67**, 1348–1363.

- Stolt, R. H., 2002, Seismic data mapping and reconstruction: *Geophysics*, **67**, 890–908.
- Stork, C., Kitchenside, P., Yingst, D., Albertin, U., Kostov, C., Wilson, B., Watts, D., Kapoor, J., and Brown, G., 2002, Comparison between Angle and Offset Gathers from Wave Equation Migration and Kirchhoff Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., E031.
- Story, C., Peng, P., Heubeck, C., Sullivan, C., and Lin, J. D., 2000, Liuhua 11-1 Field, South China Sea: A shallow carbonate reservoir developed using ultrahigh-resolution 3-D seismic, inversion, and attribute-based reservoir modeling: *The Leading Edge*, **19**, 834–844.
- Stoughton, D., Sefani, J., and Michell, S., 2001, 2-D elastic model for wavefield investigations of subsalt objectives, deep water Gulf of Mexico *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1269–1272.
- Stovas, A., and Ursin, B., 2002, Second-Order Approximations of the Transmission and Reflection Matrices at an Interface between Two Visco-Elastic TIV Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., C026.
- Stovba, S., Tolkunov, A., Stephenson, R., Maysrenko, Y., Bayer, U., and Group, D., 2002, The Structure of the Donbas Foldbelt, Ukraine, from DOBRElection-2000 *in* 64th Mtg. Eur. Assn. Geosci. Eng., E045.
- Strand, T., Rasmussen, H., Boisse, L., and Clausen, C., 2002, Data Integration for Flow Unit Correlation in the Ekofisk Chalk Reservoir *in* 64th Mtg. Eur. Assn. Geosci. Eng., F004.
- Strong, N., Sheets, B., Hickson, T., and Paola, C., 2002, An Experimental Study of the Effect of Subsidence and Water Supply on Fluvial Architecture *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1005.
- Stuart, R., and Dentith, M., 2002, The Geophysical Signature of Sedimentary Copper Deposits at Kapunda, South Australia *in* 64th Mtg. Eur. Assn. Geosci. Eng., D017.
- Stucchi, E., Mirabella, F., Barchi, M., Merlini, S., Zanzi, L., and Mazzotti, A., 2002, Characterisation of Seismogenic Faults by Means of Reflection Seismic Surveys - a Case Study in the Colfiorito Area - 1997 Umbria-Marche Earthquakes *in* 64th Mtg. Eur. Assn. Geosci. Eng., E048.
- Suarez, C. R., 2002, Seismic Interpretation of an Ultra Deepwater Field a Case Study from Roncador, Brazil *in* 64th Mtg. Eur. Assn. Geosci. Eng., G031.
- Sule, R., Hauck, C., and Jaya, M., 2002, On the Utilisation of Seismic Tomographic Imaging in Permafrost Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., D031.
- Sumner, J., 2003, President's Page: *The Leading Edge*, **22**, 506–506.
- Sun, C., and Martinez, R., 2002, 3D Kirchhoff Prestack Time Migration for V(z) and VTI Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., F043.

- Sun, C., and Martinez, R. D., 2001, Amplitude preserving V(z) pre-stack Kirchhoff time migration for VTI media: *First Break*, **19**, 618–624.
- Sun, J., Zhang, Y., and Gray, S., 2002, Aliasing in Wavefield Extrapolation Prestack Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., A037.
- Sun, Y., Qin, F., Checkles, S., and Leveille, J. P., 2000, A beam approach to Kirchhoff depth imaging: *The Leading Edge*, **19**, 1168–1173.
- Svay-Lucas, J., 2003, Arbitrarily Anisotropic Elastic Reflection Coefficients for Kirchhoff Migration *in* 65th Mtg. Eur. Assn. Geosci. Eng., P145.
- Swan, H. W., 2001, Velocities from amplitude variations with offset: *Geophysics*, **66**, 1735–1743.
- Swanson, J. S., 2000, An introduction to this special section: Education and Careers: *The Leading Edge*, **19**, 971.
- Sweeney, K., and Schafer, F., 2000, EMGIHousing geotechnology CE programs: *The Leading Edge*, **19**, 991.
- Tabti, H., and Gelius, L.-J., 2002, Fresnel-Aperture PSDM *in* 64th Mtg. Eur. Assn. Geosci. Eng., A034.
- Tari, G., Molnar, J., Ashton, P., and Hedley, R., 2000, Salt tectonics in the Atlantic margin of Morocco: *The Leading Edge*, **19**, 1074–1078.
- Tartaras, E., and Zhdanov, M., 2002, Applications of the Localized Quasi-Linear Approximation to Reservoir Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., P235.
- Tartaras, E., Zhdanov, M., and Balch, S., 2001, Fast 3-D inversion of multi-source array electromagnetic data collected for mineral exploration *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1439–1442.
- Taylor, R., Lee, B., and Doolittle, J., 2003, Ground conductivity survey of septic system during and after failure: *The Leading Edge*, **22**, 555–557.
- Tealdi, L., Ruvo, L., Volpi, B., and Masserano, F., 2002, From Discrete Fracture Models to Dual Media Simulators - an Optimised Workflow *in* 64th Mtg. Eur. Assn. Geosci. Eng., G034.
- Teanby, N., and Kendall, J.-M., 2002, Microseismic Study of Temporal Variations in Anisotropy at the Valhall Field *in* 64th Mtg. Eur. Assn. Geosci. Eng., H041.
- Templeton, G., King, P., and Reeder, M., 2002, Leadon Field - Description of Frigg Reservoir Sand Injection Structures *in* 64th Mtg. Eur. Assn. Geosci. Eng., H017.
- Tenorio, L., 2001, Modeling non-Gaussian reflectivities: Generalizing Wiener-Levinson deconvolution: *Geophysics*, **66**, 1913–1920.
- Tessman, J., and Goodway, B., 2002, Blackfoot 3C/3D test makes the point for Vector-Seis: *First Break*, **20**, 116–121.

- Tessman, J., Reichert, B., Marsh, J., Gannon, J., and Goldberg, H., 2001, MEMS for geophysicists *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 21–24.
- , 2002, MEMS for Geophysicists *in* 64th Mtg. Eur. Assn. Geosci. Eng., A010.
- Thompson, J., 2000, CE a major feature of SEG/Calgary 2000: The Leading Edge, **19**, 724.
- Thompson, M., and Amundsen, L., 2002, PZ Summation - a Contractor Evaluation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P001.
- Thompson, M., Amundsen, L., and Duffaut, K., 2002, Acquisition Geometry Versus 4C Image Quality - a Study of Statfjord and Gullfaks Sr *in* 64th Mtg. Eur. Assn. Geosci. Eng., F025.
- Thompson, T., and Hartley, B., 2002, Adaptive Approximations for Multiple Suppression *in* 64th Mtg. Eur. Assn. Geosci. Eng., P026.
- Thore, P., Shtuka, A., Lecour, M. A., Ait-Ettajer, T., and Cognot, R., 2002, Structural uncertainties: Determination, management, and applications: Geophysics, **67**, 840–852.
- Thurston, J. B., Smith, R. S., and Guillon, J.-C., 2002, A multimodel method for depth estimation from magnetic data: Geophysics, **67**, 555–561.
- Tinivella, U., Carcione, J., and Helle, H., 2001, Estimation of pore pressure by AVO inversion *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 239–242.
- Tinivella, U., Poletto, F., and Carcione, J., 2002, Numerical Simulation of Drillstring Waves for Geosteering Application *in* 64th Mtg. Eur. Assn. Geosci. Eng., P011.
- Tod, S., Hudson, J., and Liu, E., 2001, Pressure induced anisotropy of interconnected cracks *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 173–176.
- Toft, M., and Clausen, O., 2002, Subtle Structural Control on the Deposition of the Upper Paleocene in the Central Graben Area, Danish North Sea *in* 64th Mtg. Eur. Assn. Geosci. Eng., P064.
- Tonn, R., 2002, Neural network seismic reservoir characterization in a heavy oil reservoir: The Leading Edge, **21**, 309–312.
- Towner, B., and Lindsay, R., 2000, Subsalt success in the Republic of Yemen, using 3-D AVO and integrated exploration: The Leading Edge, **19**, 1064–1072.
- Toxopeus, G., Fokkema, J., Groenenboom, J., and Lin, H., 2002, 3D Parallel Elastic Wave Modeling - Scalability Analysis for Beowulf Clusters *in* 64th Mtg. Eur. Assn. Geosci. Eng., C045.
- Trad, D., Ulrych, T. J., and Sacchi, M. D., 2002, Accurate interpolation with high-resolution time-variant Radon transforms: Geophysics, **67**, 644–656.

- Trappe, H., Gierse, G., and Pruessmann, J., 2001, Case studies show potential of Common Reflection Surface stack - structural resolution in the time domain beyond the conventional NMO/DMO stack: *First Break*, **19**, 625–633.
- Trappe, H., Schubart-Engelschall, J., and Laggiard, E., 2002, Seismic Facies Classification of Deep Rotliegend Sandstones by Neural Network Techniques *in 64th Mtg. Eur. Assn. Geosci. Eng.*, H039.
- Traub, B., and Li, X.-Y., 2002, Sensitivity of Anisotropic Parameter Estimation from 4C Data - Modelling and Case Studies *in 64th Mtg. Eur. Assn. Geosci. Eng.*, F018.
- Trautwein, U., and Huenges, E., 2002, Permeability Reduction Induced by Pore Pressure Decrease in Clay-Rich Sandstones *in 64th Mtg. Eur. Assn. Geosci. Eng.*, C039.
- Tronicke, J., Dietich, P., Wahlig, U., and Appel, E., 2002, Integrating surface georadar and crosshole radar tomography: A validation experiment in braided stream deposits: *Geophysics*, **67**, 1516–1523.
- Tscherny, R., Bueker, C., Noeth, S., and Littke, R., 2002, Insights on the Geotectonic Evolution of the Central Southern Alps, Dolomites along the Transalp-Traverse, Derived from Thermal Maturity Data and Basin Modelling *in 64th Mtg. Eur. Assn. Geosci. Eng.*, G006.
- Tselentis, G.-A., and Paraskevopoulos, P., 2002, Application of a high-resolution seismic investigation in a Greek coal mine: *Geophysics*, **67**, 50–59.
- Tsuru, T., Miura, S., Kaneda, Y., and Park, J.-O., 2002, Underthrust Sediments Observed at the Southern Japan Trench and Its Implication of the Interplate Coupling *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P043.
- Tura, A., 2000, Networking around the world: *The Leading Edge*, **19**, 765–768.
- Turnbull, N., 2002, Implications of Seismic Source Array Geometry Variation for On-board Quality Control *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P085.
- Turuntaev, S., 2002, Nonlinear Dynamics Methods in Passive Seismic Data Interpretation *in 64th Mtg. Eur. Assn. Geosci. Eng.*, H044.
- Tushingham, K., and Hodgson, P., 2002, Collaborative interpretation environments re-energized the workplace: so what's the next phase?: *First Break*, **20**, 172–176.
- Tyapkin, Y., and Robinson, E., 2002, Optimisation of Sweep Signals *in 64th Mtg. Eur. Assn. Geosci. Eng.*, P084.
- Ueda, Y., Kubota, R., and Segawa, J., 2002, Magneto-gravity response function and its application to the Daito Ridge: *Geophysics*, **67**, 110–116.
- Ulrych, T., and Zhang, R., 2002, Physical Wavelet Frame Denoising of Seismic Data *in 64th Mtg. Eur. Assn. Geosci. Eng.*, C012.

- Underwood, W. D., 2002, Comment on Education and careers: Response to special section: *The Leading Edge*, **21**, 256.
- Urbancic, T., Maxwell, S., Steinsberger, N., and Zinno, R., 2002, Microseismic Imaging of Hydraulic Fracture Complexity in a Naturally Fractured Reservoir *in* 64th Mtg. Eur. Assn. Geosci. Eng., H043.
- Urosevic, M., and Dodds, K., 2002, A simple approach to assessment of seismic expression of abnormal geo-pressure *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 450–453.
- Ursin, B., and Stovas, A., 2002, Reflection and transmission responses of a layered isotropic viscoelastic medium: *Geophysics*, **67**, 307–323.
- Vanelle, C., and Gajewski, D., 2001a, Determining the optimum migration aperture from traveltimes *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 977–980.
- , 2001b, Traveltime-based true amplitude migration of PS converted waves *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 288–291.
- , 2002a, Second-order interpolation of traveltimes: *Geophys. Prosp.*, **50**, 73–83.
- , 2002b, Traveltime Interpolation and Geometrical Spreading in 3D Anisotropic Media *in* 64th Mtg. Eur. Assn. Geosci. Eng., C017.
- Vanhala, H., All, T., Huotari, T., Kattai, V., and Lintinen, P., 2002, Test of Airborne Geophysics for Mapping Oil Shale Mining Area in Kohtla-Jrve, NE Estonia *in* 64th Mtg. Eur. Assn. Geosci. Eng., D038.
- Vasallo, M., and Bernasconi, G., 2002, Drilling Rig Noise Removal in SWD Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., P014.
- Veenhof, E., 2002, The Netherlands Bunter Play *in* 64th Mtg. Eur. Assn. Geosci. Eng., P063.
- Veggeland, K., Blystad, P., and Sondena, E., 2002, Classification of the Petroleum Resources at the Norwegian Continental Shelf - a Basis for Decision Making *in* 64th Mtg. Eur. Assn. Geosci. Eng., F010.
- Verdun, J., Bayer, R., Klingele, E. E., Cocard, M., Geiger, A., and Halliday, M. E., 2002, Airborne gravity measurements over mountainous areas by using a LaCoste & Romberg air-sea gravity meter: *Geophysics*, **67**, 807–816.
- Verliac, M., Mann, R., Aragon, J. R., and Aguilar, J. F., 2001, An offshore multi offset seismic profile (MOSP) for a land well - A solution to image below a transition zone: the Luna 36 case *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 400–403.
- Verm, R., 2000, President's Page: *The Leading Edge*, **19**, 1162.
- Verschuur, D., Winthaegen, P., and Berkhout, A., 2002, Estimation of P-Wave and S-Wave Focusing Operators Using the CFP Technology *in* 64th Mtg. Eur. Assn. Geosci. Eng., F032.

- Verti, L., Angerer, E., Gaiser, J., Grandi, A., and Lynn, H., 2002, Emilio Field - Anisotropy Analysis from PP and PS Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., F046.
- VerWest, B., 2002, Suppressing Peg-Leg Multiples with Parabolic Radon Demultiple *in* 64th Mtg. Eur. Assn. Geosci. Eng., F036.
- Vesnauer, A., and Bohm, G., 2000, Staggered or adapted grids for seismic tomography?: The Leading Edge, **19**, 944–950.
- Vickery, A. C., and Hobbs, B. A., 2002, The effect of subsurface pipes on apparent-resistivity measurements: Geophys. Prosp., **50**, 1–13.
- Vidal, S., Huguet, F., and Mechler, P., 2002a, Characterizing reservoir parameters by integrating seismic monitoring and geomechanics: The Leading Edge, **21**, 295–301.
- Vidal, S., Jardin, A., and Huguet, F., 2001, Feasibility study of time-lapse parameters estimate for mean effective stress and saturation changes in gas storage *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1648–1651.
- Vidal, S., Joseph, C., Gilbert, F., and Huguet, F., 2002b, Application of Geostatistical Simulations and Statistical Analysis for Seismic Monitoring *in* 64th Mtg. Eur. Assn. Geosci. Eng., A032.
- de Vincenzi, L., and Klarner, S., 2002, Seismic Reservoir Characterisation of a Flux Reservoir, Nakhla Oil Field, Libya, Onshore *in* 64th Mtg. Eur. Assn. Geosci. Eng., H038.
- Volker, A., Blacquiere, G., and Berkhout, A., 2001, Acquisition design for optimum amplitude accuracy *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 60–63.
- van Vossen, R., Robertsson, J. O. A., and Chapman, C., 2002, Finite-difference modeling of wave propagation in a fluid-solid configuration: Geophysics, **67**, 618–624.
- Vrabie, V., and Mars, J., 2002, Application of SVD by Means of ICA *in* 64th Mtg. Eur. Assn. Geosci. Eng., P027.
- de Waal, J., and Calvert, R., 2002, 4D-Seismic All the Way - Implementing Time Lapse Reservoir Monitoring Globally *in* 64th Mtg. Eur. Assn. Geosci. Eng., H001.
- Wagner, D., Sen, V., Foster, P., Albertin, D., Read, R., and Burch, T., 2001, Imaging through gas seeps: 3-D pre-stack depth migration and velocity analysis *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 961–964.
- Walsh, J., and Manzocchi, T., 2002, SAIGUP Project Impact of Geological Uncertainties on Production from Clastic Reservoirs *in* 64th Mtg. Eur. Assn. Geosci. Eng., P054.
- Walsh, J., Nicol, A., and Childs, C., 2002, A New Model for the Growth of Faults *in* 64th Mtg. Eur. Assn. Geosci. Eng., G035.

- Wang, C.-Y., 2002a, Detection of a recent earthquake fault by the shallow reflection seismic method: *Geophysics*, **67**, 1465–1473.
- Wang, T., 2001, An upgridding method for 3-D finite-difference resistivity modeling in 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 349–352.
- Wang, T., and Tang, X., 2001, A nonsplitting PML for the FDTD simulation of acoustic wave propagation in 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 345–348.
- Wang, W., and Pham, L., 2002, P-Wave and C-Wave Velocity Analysis for Deep Water OBC Data in 64th Mtg. Eur. Assn. Geosci. Eng., B002.
- Wang, W., Pham, L., and Lou, M., 2002, Converted-Wave Prestack Time Migration for VTI Media in 64th Mtg. Eur. Assn. Geosci. Eng., P007.
- Wang, Y., 2002b, 3D Seismic Trace Interpolation Using All-Azimuth Spatial Prediction in 64th Mtg. Eur. Assn. Geosci. Eng., C016.
- , 2002c, The Effectiveness of Stable Inverse Q Filtering to Land Seismic in 64th Mtg. Eur. Assn. Geosci. Eng., C015.
- , 2002d, Seismic trace interpolation in the f-x-y domain: *Geophysics*, **67**, 1232–1239.
- , 2002e, A stable and efficient approach of inverse Q filtering: *Geophysics*, **67**, 657–663.
- Wang, Y., and Singh, S., 2002, Separation of P- and SV-Wavefields from Multi-Component OBC Data in the Tau-P Domain in 64th Mtg. Eur. Assn. Geosci. Eng., P002.
- Wang, Z., 2002f, Seismic anisotropy in sedimentary rocks, part 1: A single-plug laboratory method: *Geophysics*, **67**, 1415–1422.
- , 2002g, Seismic anisotropy in sedimentary rocks, part 2: Laboratory data: *Geophysics*, **67**, 1423–1440.
- Wantland, K., Baie, L., and Gallagher, J., 2002, Education and careers: Response to special section: *The Leading Edge*, **21**, 256–259.
- Wapenaar, C., Draganov, D., and Fokkema, J., 2002, Codas in Reflection and Transmission Responses and Their Mutual Relations in 64th Mtg. Eur. Assn. Geosci. Eng., C030.
- Washbourne, J., and Bube, K., 2002, Wavetracing - Computation of Bandlimited Seismic Arrival Times and Propagation Paths in 64th Mtg. Eur. Assn. Geosci. Eng., C019.
- Washbourne, J., Rector, J. W., and Bube, K., 2002, Crosswell travelttime tomography in three dimensions: *Geophysics*, **67**, 853–871.

- Watts, M., Savvaidis, A., Karageorgi, E., and Mackie, R., 2002, Magnetotellurics Applied to Sub-Thrust Petroleum Exploration in Northern Greece *in* 64th Mtg. Eur. Assn. Geosci. Eng., E041.
- van Wees, J.-D., Versseput, R., and Simmelink, H., 2002, Geo3Djviewer - Current Progress in Web-Enabled 3D Visualisation *in* 64th Mtg. Eur. Assn. Geosci. Eng., P226.
- Wei, X.-C., Liu, Y., and Li, X.-Y., 2002, Static Correction in Desert and Loose Terrains *in* 64th Mtg. Eur. Assn. Geosci. Eng., P022.
- Weigant, J., Hoover, G., Stein, J., and Clark, B., 2001, Elastic modeling and wave equation finite difference prestack depth migration in a complex offshore California geological setting *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 953–956.
- Weiss, C. J., and Newman, G. A., 2002, Electromagnetic induction in a fully 3-D anisotropic earth: *Geophysics*, **67**, 1104–1114.
- Whitcombe, D. N., 2002, Elastic impedance normalization: *Geophysics*, **67**, 60–62.
- Whitcombe, D. N., Connolly, P. A., Reagan, R. L., and Redshaw, T. C., 2002, Extended elastic impedance for fluid and lithology prediction: *Geophysics*, **67**, 63–67.
- White, N., Hanne, D., and Bellingham, P., 2002, A Strategy for Automatically Modelling Extensional Sedimentary Basins *in* 64th Mtg. Eur. Assn. Geosci. Eng., 1008.
- White, R., and Barnola, A.-S., 2002, Coherence Methods in AVO Detection and Quality Control *in* 64th Mtg. Eur. Assn. Geosci. Eng., G013.
- Whitfield, P., Bloor, R., and Lange, C., 2002, Derivation of Anisotropic Parameters for Prestack Depth Migration Using a Walkaway VSP *in* 64th Mtg. Eur. Assn. Geosci. Eng., B032.
- Wiggins, J., 2002, Computing Kirchhoff Depth Migration Traveltime from a Monofrequency Wavefield *in* 64th Mtg. Eur. Assn. Geosci. Eng., A035.
- van Wijk, K., and Scales, J., 2002, Unknowns in Multiple Scattering *in* 64th Mtg. Eur. Assn. Geosci. Eng., C029.
- Williams, M., and Jenner, E., 2001, How important is the effect of azimuthal anisotropy in 3D seismic data? Enhancing quality and extending the potential of the 3D interpretation *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 126–128.
- Woje, G., Berg, E., Rykkeliid, J., Svendsen, O., and Aanensen, O., 2002, Vector Fidelity Analyses of Seabed Seismic Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., E003.
- Wolf, K., 2000a, State of the Net: The Leading Edge, **19**, 1048.
- , 2000b, State of the Net: The Leading Edge, **19**, 1162.
- , 2001a, State of the Net: The Leading Edge, **20**, 12.

- , 2001b, State of the Net: The Leading Edge, **20**, 128.
- , 2001c, State of the Net: The Leading Edge, **20**, 233.
- , 2002, State of the Net: The Leading Edge, **21**, 132.
- Wolfgram, P., and Golden, H., 2002, Examples of Nickel Sulphide Detection with Airborne EM *in* 64th Mtg. Eur. Assn. Geosci. Eng., D037.
- Wood, L. J., Pecuch, D., Schulein, B., and Helton, M., 2000, Seismic attribute and sequence stratigraphic integration methods for resolving reservoir geometry in San Jorge Basin, Argentina: The Leading Edge, **19**, 952–962.
- Wookey, J., van der Baan, M., Smit, D., and Kendall, J.-M., 2002, Tau-P Domain VTI Parameter Inversions Using Limited-Offset Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., F041.
- Worthington, M., Saunders, J., Pain, C., and Jackson, M., 2002, Electrokinetic and VSP Monitoring of Fluid Flow in Petroleum Reservoirs *in* 64th Mtg. Eur. Assn. Geosci. Eng., H003.
- Wright, D., and Wright, D., 2002, Proposed guidelines to assist the geophysical exploration industry in meeting the requirements of Canadas Fisheries Act: The Leading Edge, **21**, 72–74.
- Wu, C., Harris, J., and Franklin, J., 2001, Single-well seismic modeling in viscoelastic media using a variable-grid finite-difference method *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1155–1158.
- Wulff, A.-M., and Mjaaland, S., 2002, Seismic monitoring of fluid fronts: An experimental study: Geophysics, **67**, 221–229.
- Wyatt, D., 2000a, The 2000 International Science and Engineering Fair-Excellence continues: The Leading Edge, **19**, 771.
- Wyatt, K. D., 2000b, Who will fill our shoes?: The Leading Edge, **19**, 972–973.
- Xu, S., Zhang, D., Ruan, B., Dai, S., and Li, Y., 2002, Calculation of electrical potentials along a longitudinal section of a 2-D terrain: Geophysics, **67**, 511–516.
- Yamada, Y., and McClay, K., 2001, Hangingwall deformation above inverted 3-D listric fault systems *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 655–658.
- Yamashita, Y., and Toshioka, T., 2002, Application of Borehole Radar to Buried Object Survey for Civil Engineering Purpose *in* 64th Mtg. Eur. Assn. Geosci. Eng., P041.
- Yan, L., Lines, L., and Lawton, D., 2001, Migration velocity analysis by curvature measurement and stacking power *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 873–876.

- Yang, B., Xu, Z., Yang, J., Liu, S., and Jiang, M., 2002a, Static correction method in thick loess area of Southwestern Tarim Basin in China *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1555–1558.
- Yang, D., Shin, C., Park, C., Yoon, K., and Kim, J., 2001, Three dimensional traveltime and amplitude computation using SWEET algorithm *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 133–136.
- Yang, S., Shih, C., Dutta, N., Chen, J., Schultz, G., and Banik, A., 2002b, Vertical Velocity Analysis for a Transversely Isotropic Medium - a Practical Approach *in* 64th Mtg. Eur. Assn. Geosci. Eng., F044.
- Yao, C., Chen, X., Wang, X., and Liu, E., 2001, Generation of radial waves recorded at seafloors in the presence of a thin high velocity layer *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1183–1186.
- Yilmaz, O., Tanir, I., and Gregory, C., 2001, A unified 3-D seismic workflow: Geophysics, **66**, 1699–1713.
- Yin, H., and Wang, H., 2001, A practical 2D dual laterolog (DLL) inversion method and its impacts on HPV estimation *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 381–384.
- Yoshioka, K., and Zhdanov, M., 2001, 3-D forward modeling and inversion of IP data based on quasi-linear approximation *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1513–1516.
- Young, R., Staggs, J., and Slatt, R., 2002, GPR facies characterization of deepwater turbidite outcrops *in* 72nd Ann. Internat. Mtg. Soc. of Expl. Geophys., 1539–1542.
- Young, T. K., 2001, President's Page: The Leading Edge, **20**, 1210.
- Yu, J., and Schuster, G., 2001, Crosscorrelogram migration of IVSPWD data *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 456–459.
- Yuh, S., and Gibson, R., 2001, Time-lapse seismic monitoring of CO₂ sequestration in hydrocarbon reservoirs *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1627–1630.
- Zacek, K., 2002, Optimization of the Shape of Gaussian Beams *in* 64th Mtg. Eur. Assn. Geosci. Eng., P101.
- Zamboni, E., Mazzotti, A., Stucchi, E., and Ciuffi, S., 2002, Seismic Characterisation of Geothermal Reservoirs - a Case Study in Western Tuscany, Italy *in* 64th Mtg. Eur. Assn. Geosci. Eng., C037.
- Zanzi, L., Bellotti, S., and Stucchi, E., 2001, 3D refraction statics in the wavenumber domain: Geophys. Prosp., **49**, 719–727.

- Zeid, N. A., Ferrari, M., and Santarato, G., 2002, On the Correspondence between Resistivity and Texture of Loose Sediments, Saturated with Salt Water *in* 64th Mtg. Eur. Assn. Geosci. Eng., P095.
- Zeng, H., Ambrose, W. A., and Villalta, E., 2001, Seismic sedimentology and regional depositional systems in Miocene Norte, Lake Maracaibo, Venezuela: The Leading Edge, **20**, 1260–1267.
- Zeng, H., Meng, X., Yao, C., Li, X., Lou, H., Guang, Z., and Li, Z., 2002, Detection of reservoirs from normalized full gradient of gravity anomalies and its application to Shengli oil field, east China: *Geophysics*, **67**, 1138–1147.
- Zeng, H., and Zhou, D., 2001, Reducing ambiguity in predicting log properties from multiple seismic attributes by AVF-based detuning *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 738–739.
- Zerilli, A., and Dell’Aversana, P., 2002, ESIT - Additional Values in Complex Structures Exploration Using Alternative Geophysics *in* 64th Mtg. Eur. Assn. Geosci. Eng., E034.
- Zhang, C., and Ulrych, T. J., 2002, Estimation of quality factors from CMP records: *Geophysics*, **67**, 1542–1547.
- Zhang, F., and Uren, N., 2001, Approximate Explicit Ray Velocity Functions and Travel Times for P-waves in TI Media *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 106–109.
- Zhang, J., and Verschuur, D., 2002, Elastic wave propagation in heterogeneous anisotropic media using the lumped finite-element method: *Geophysics*, **67**, 625–638.
- Zhang, J., Wapenaar, C., and Verschuur, D., 2001a, 3-D depth migration in VTI media with explicit extrapolation operators *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1085–1088.
- Zhang, P., Alerini, M., and Lambare, G., 2001b, Fast wavefield simulation in 3-D heterogeneous elastic media with Kirchhoff approximation *in* 71st Ann. Internat. Mtg. Soc. of Expl. Geophys., 1163–1166.
- Zhang, Y., Bergler, S., and Hubral, P., 2001c, Common-reflection-surface (CRS) stack for common offset: *Geophys. Prosp.*, **49**, 709–718.
- Zhang, Y., Pham, D., Lou, M., and Lee, S., 2002a, Joint Velocity Inversion for P-P and P-S Prestack Depth Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., F029.
- Zhang, Y., Sun, J., Gray, S., Notfors, C., Bleistein, N., and Zhang, G., 2002b, True Amplitude Migration Using Common-Shot One-Way Wavefield Extrapolation *in* 64th Mtg. Eur. Assn. Geosci. Eng., E030.
- Zhang, Z., and Zhou, Z., 2002, Real-time quasi-2-D inversion of array resistivity logging data using neural network: *Geophysics*, **67**, 517–524.

- Zhdanov, M., and Hursan, G., 2002, 3D Quasi-Analytical Inversion of MT Data *in* 64th Mtg. Eur. Assn. Geosci. Eng., D013.
- Zhdanov, M. S., Pavlov, D. A., and Ellis, R. G., 2002, Localized S-inversion of time-domain electromagnetic data: *Geophysics*, **67**, 1115–1125.
- Zheng, Y., Gray, S., Cheadle, S., and Anderson, P., 2002, Factors Affecting AVO Analysis of Prestack Migrated Gathers *in* 64th Mtg. Eur. Assn. Geosci. Eng., G011.
- Zhou, B., and Greenhalgh, S. A., 2002, Rapid 2-D/3-D crosshole resistivity imaging using the analytic sensitivity function: *Geophysics*, **67**, 755–765.
- Zhou, Z., Guo, M., and Stein, J., 2002, Imaging under Complex Salt Bodies with 3D Prestack Finite Difference Depth Migration *in* 64th Mtg. Eur. Assn. Geosci. Eng., A044.
- Zhu, F., Gibson, R. L., Watkins, J. S., and Yuh, S. H., 2000, Distinguishing fizz gas from commercial gas reservoirs using multicomponent seismic data: *The Leading Edge*, **19**, 1238–1245.
- Zhu, X., 2002, Velocity Imaging through Complex Near-Surface Structures by Tomography *in* 64th Mtg. Eur. Assn. Geosci. Eng., E037.
- Zimmer, M., Prasad, M., and Baggeroer, A., 2002, Pressure and porosity influences on VP-VS ratio in unconsolidated sands: *The Leading Edge*, **21**, 178–183.
- Zinke, S., 2000, President's Page: *The Leading Edge*, **19**, 686.
- , 2001, President's Page: *The Leading Edge*, **20**, 239.
- Ziolkowski, A., Hanssen, P., Gatliff, R., Li, X.-Y., Jakubowicz, H., and Hampson, H., 2002, Low Frequency Sub-Basalt Imaging *in* 64th Mtg. Eur. Assn. Geosci. Eng., A005.
- van Zon, A., Ditmar, P., Chowdhury, K. R., and Mondt, J., 2002, Structural Gravity Inversion on a Gridded 2D Model *in* 64th Mtg. Eur. Assn. Geosci. Eng., D010.
- Zorkina, V., Zakrevsky, K., Kanevskaya, R., Korobkin, S., and Strekozin, V., 2002, Complex Reservoir Simulation by Using Methods of Geological Analogy and Statistical Analysis *in* 64th Mtg. Eur. Assn. Geosci. Eng., P231.
- Zou, Y., and Bentley, L., 2003, Time lapse well log analysis, fluid substitution and AVO: *The Leading Edge*, **22**, 550–555.