



BIOGRAPHIES

SECTION 5



Participants in the Peak Oil Discussion after the Opening Ceremony



ABDULLA AL NAIM is the Vice President of Exploration. His responsibilities, which are undertaken by five departments, include finding, delineating, helping develop the enormous oil and gas reserves of the Kingdom and evaluating the Kingdom's hydrocarbon potential. Abdulla joined Aramco in 1978 as a Wellsite Geologist during a time of intense drilling activity. He acquired a deep understanding of petroleum geology during technical assignments with the Exploitation Division (1980) and Exploration Division (1983). This was followed by a number of administrative assignments leading to becoming Manager of the Area Exploration Department (1996), Manager of the Exploration Operations Department (2002), and Manager of the Reservoir Characterization Department (Feb. 2004). He was assigned as Executive Director of Exploration in November 2004 then appointed as Vice President in April 2006. Abdulla has been a member of the American Association of Petroleum Geologists (AAPG) since 1986 and served on its International Committee during 1989. He received the International Special Commendation Award in 1999 and was President of the AAPG Middle East Region until 2006. Realising a need for a local professional society, he was a co-founder in 1989 and the first president of the Dhahran Geoscience Society, an AAPG affiliate. Abdulla has served on the organising committees of the regional Society of Petroleum Engineers (SPE) technical conferences. He also serves on the organising committees of the regional GEO Conferences and was the GEO 2006 Chairman. Abdulla holds a Bachelor's degree in Geology from King Saud University, Riyadh. He also attended courses in Petroleum Management at Oxford during 1989 and at the Berkeley Center for Executive Development in 1997.



LYN BEAZLEY is Chief Scientist of Western Australia. She was appointed to this position in December 2006. Her role involves leading the state government's new science and innovation advisory body, which replaces both the WA Science Council and the WA Technology and Industry Advisory Council. This new body supervises the allocation of over \$70 million given to science and innovation in WA. Professor Beazley has led world-first work in brain development research; most recently the widely publicised discovery that stimulating or training damaged nerves can lead to their regeneration – something which could offer hope to millions of spinal cord injury sufferers worldwide. She has co-ordinated the University of Western Australia's

Neurotrauma Research Program since its inception in 1999. She is a fellow of the Australian Institute of Biologists, a member of the Australian Science, Technology and Engineering Council, chair of the Gene and Related Therapies Research Advisory Panel and on the College of Experts of the Australian Research Council. Her election to the small expert panel of Sweden's Natural Science Research Council to review the scientific status of international neuroscience research is a measure of the worldwide respect for her work. After completing an Honours degree in Zoology at Oxford University, Professor Beazley pursued a research career at Edinburgh University. She arrived at UWA on a research fellowship in 1976 and has built her worldwide reputation and her team from there. Her main focus as Chief Scientist is to 'do, translate and communicate science at all levels throughout the State.' She believes that science should be made accessible to everyone.



BRUCE ROBINSON is Convenor, ASPO Australia. The Australian Association for the Study of Peak Oil & Gas is a network of professionals, interested in the impacts of Peak Oil and in the possibilities to minimise them. Bruce is a physical scientist with 30 years experience in mineral research instrumentation, and a past Councillor of the Royal Automobile Club of Western Australia. He has studied forecasts of world oil depletion since 1996 and has presented a number of papers on the topic, including at the Australasian Transport Research Forum in 2004. Bruce has attended all six International Workshops on Oil Depletion held in Europe by ASPO International, the Association for the Study of Peak Oil & Gas, and was invited to present a paper on 'The Impact of Oil Depletion on Australia' in Lisbon in 2005. Last year he presented invited papers on Peak Oil at conferences in Beijing and Kyoto and at the Energy Security Conference in Sydney. Bruce coordinated the dozen or so submissions from ASPO Australia and its working groups to the recent Senate inquiry into Australia's future oil supplies and gave evidence at the committee's hearings. He is an Associate of the Institute for Sustainability and Technology Policy at Murdoch University, a member of the Petroleum Exploration Society of Australia and of the Editorial Committee of 'Petroleum Science', the international journal published by the China University of Petroleum in Beijing. He contributed the background paper to the Oil Vulnerability section of the 2003 WA Government State Sustainability Strategy. Bruce was awarded a Centenary Medal for his work in Sustainable Transport.

CHRIS ADAMS is in the third year of a PhD candidature at RMIT University under Professor James Macnae. He has a geophysical background in Borehole Geophysics and near surface environmental and UXO detection.

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ABDULLAH AL RAMADHAN is a PhD student with Department of Exploration Geophysics, Curtin University of Technology, Perth, Australia. He holds a BSc in Geophysics and MSc in Mathematics from KFUPM, Dhahran, Saudi Arabia. He joined Saudi Aramco in 1986 and worked for the exploration organisation for more than 13 years as a professional geophysicist, mainly as seismic data processor for both 2D & 3D land data. Abdullah also spent five months with Halliburton Geophysical in Houston. His areas of interest include seismic data imaging and reservoir characterisation using passive sources. Abdullah is a member of SEG, EAGE, SPE and ASEG.

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FOUZAN ALFOUZAN is a post-graduate (PhD) student at the Universiti Sains Malaysia. His current research is on optimising array configurations used in 2D electrical imaging surveys. He has an MSc in Applied Geophysics, from University of Pittsburgh, USA. Fouzan holds a position as a Geophysicist (Scientific Researcher) in the Institute of Astronomical and Geophysical Research at King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia. He has experience in preparing and operating various kinds of geophysical prospecting instruments and analysing and interpreting geophysical data. He used to assist in data collection and interpretation.

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WAYNE ALGER is a Senior Petrophysicist with Woodside Energy Ltd working mainly on Australian North West Shelf Assets. His specific interest in NMR and laminated sand formation evaluation has led to work on many other Woodside interests. Wayne joined Woodside three and a half years ago after working for a variety of consultant groups on fields in Australia, South East Asia, India and Europe. Wayne graduated with an Honours degree in Geology from Portsmouth University, England.

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TERRY ALLEN graduated in 1968 from Edinburgh University with an Honours BSc in Mathematical Science. He has worked in the seismic contracting industry for 38 years – the last 29 years of which he has spent in Australia. He joined PGS in their Perth data processing centre in 1996 and is currently an Area Geophysicist for the Asia/Pacific region.

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EIICHI ARAI works as a geophysicist for the Japan Oil, Gas and Metals National Corporation, Kawasaki, Japan. He has been involved extensively in mineral exploration, in particular, projects in Australia, and managing R&D projects on geophysical techniques. His speciality in geophysics is modelling and inversion theory of electric and electromagnetic methods.

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MICHAEL ASTEN is a consulting geophysicist and Partner with Flagstaff Geo-Consultants, Melbourne, and has a specialist interest in electromagnetic methods for mineral exploration and unexploded ordnance detection. He is also a part-time Professorial Fellow at Monash University and founding member of the Centre for Environmental and Geotechnical Applications of Surface Waves (CEGAS). He leads a team funded by SERDP (a civilian agency of the US Army) which is developing an EM system with an array of B-field sensors for the purpose of detection and discrimination of unexploded ordnance objects.

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ESBEN AUKEN is an associate professor at the Department of Earth Sciences, University of Aarhus, Denmark. His research focus is on the development of processing and inversion schemes for ground-based and airborne transient electromagnetic data, airborne HEM data and resistivity data. He heads a larger research group which serves as a national knowledge and education centre for hydrogeophysical investigation in Denmark.

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DAVID BAKER is employed at JRS and is a registered teacher in physics/maths. He has taken 12 months leave to complete and Honours degree in geophysics at Adelaide University, Australia. His interests include astronomy and kayaking.

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JOHN BANCROFT is a faculty member of the University of Calgary and a Senior Research Geophysicist with the CREWES consortium. He specialises in static analysis, velocity estimation and seismic imaging that includes anisotropic and converted-wave prestack migration. John is an instructor for the SEG, which has published two of his volumes on poststack and prestack migration. He has received best paper awards at the 1994 SEG convention, 1995, 2003, and 2006 CSEG National Convention, and the Laric Hawkins Memorial Award at the 2001 ASEG Conference. He was elected an Honorary Member of the CSEG in 2005.

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FRAZER BARCLAY works as the Reservoir Seismic Services manager for Schlumberger in Australia. He received a BSc (Hons) in Geology and Applied Geology and has been working as a geophysicist for nearly ten years in the United Kingdom, Malaysia and more recently in Australia. Most of his work has been focused on quantitative interpretation and reservoir characterisation of 2D, 3D and 4D seismic data. Frazer has worked for Western Geophysical, Odegaard and Schlumberger all of which are now part of the Schlumberger group and has a keen interest in integrated studies.

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MARTIN BAYLY is a principal geophysicist for WesternGeco/Schlumberger based in Perth, Australia. His interests cover the broad range of surface seismic reflection methods, particularly, time lapse seismic and resolution enhancement methods. He has extensive experience of seismic prospecting for hydrocarbons in Australia, Indonesia, China, Vietnam, India, Malaysia and Nigeria.

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KIRSTY BECKETT is employed as a Hydrologist with Rio Tinto Iron Ore. She has a diverse earth science background, taking on roles in remote sensing, airborne geophysics, environmental science and environmental engineering. She has been involved in and coordinated a number of information exchange conferences and courses on the use of spatial data for land management, particularly for Western Australia. Kirsty is completing a PhD at Curtin University of Technology on 'Multispectral processing of 256-channel gamma ray spectrometry for soil and regolith mapping'.

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STEPHEN BILLINGS is Director of R&D at Sky Research and has been based in Vancouver, Canada since 2001, where he conducts research and development into methods for locating and characterising unexploded ordnance. Previously he was involved in developing processing and interpretation methodologies for airborne radiometric and magnetic datasets. He obtained his PhD from the University of Sydney in 1998.

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SERGEY BIRDUS works as a Depth Processing Supervisor with CGGVeritas in Perth. After receiving his PhD in Geophysics in Kiev University in 1986 he worked as a lecturer for Kiev University, a researcher in R&D departments of major Russian service geophysical companies and in several positions with Paradigm Geophysical in Moscow and Perth before joining CGGVeritas in 2006. He is involved in challenging depth processing projects throughout the Asian Pacific region.

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ANDREJ BÓNA has been a senior lecturer at Department of Exploration Geophysics, Curtin University of Technology since September 2007. Prior to this position he was assistant professor at Department of Earth Sciences, Memorial University, Canada. His main research interests include topics of theoretical seismology such as ray theory and anisotropy.

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GRAHAM BOYD is the CEO of Geosolutions Pty Ltd. His whole career has been about innovation in instrumentation design and construction and software development. He was the main driver in the development of HOISTEM, a high-resolution airborne TEM system, and was presented with ASEG's Graham Sands Award, primarily for this work, in 2003. Graham graduated from the University of Melbourne in 1972, with a BSc (1st Class Hons). Before establishing Geosolutions, he worked as Chief Geophysicist for Newmont Holdings Pty Ltd, Newmont Australia Ltd, Poseidon Exploration Ltd, the Normandy Mining Group and finally back to Newmont Mining Corporation in early 2002.

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TRISTAN CAMPBELL works as a geophysicist for Geoforce Pty Ltd in Perth. His area of interest is high-resolution geophysics for environmental, geotechnical and detailed mine planning applications. Tristan has five years of experience in designing and delivering high resolution geophysical surveys for these applications and has been involved with such projects as the Gorgon Gas Facility, Australian Marine Complex as well as numerous salinity research studies. He is a current member of ASEG and the Environmental Consultants Association (ECA).

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ASTRID CARLTON is a geophysicist with the NSW Department of Primary Industries in Maitland working on the *New Frontiers* exploration initiative. She is progressing with the production of geophysical-geological interpretations of 1:250 000 scale maps to add valuable information to regional NSW. Presently interpreting and modelling aeromagnetic data of the SW region, Astrid is piecing together information over the relatively unexplored Murray Basin. Prior to working with the DPI, Astrid conducted shallow environmental surveys and unexploded ordnance surveys around Australia, in Hong Kong and in the United Kingdom.

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JOHN CASSIDY is a Senior Lecturer in Geophysics in the School of Geography, Geology and Environmental Sciences at The University of Auckland, New Zealand. His research interests include basin studies, basement tectonics and geomagnetism.

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CARLOS CEVALLOS is a geophysicist with the NSW Department of Primary Industries Geological Survey of NSW. He is responsible for applying geophysical techniques to data to better understand the geology of NSW and improve exploration opportunities within selected areas of the State. Prior to joining

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KALYAN CHAKRABORTY is a Specialist Geophysicist with Kuwait Gulf Oil Company in Ahmadi, Kuwait. He previously worked for the Oil and Natural Gas Corporation of India, the Geological Survey of Western Australia and Petroleum Geo-Services, Australia. Kalyan obtained a BSc in Physics Honors and an MSc in Applied Geophysics from the Indian School of Mines, Dhanbad. He also obtained an MSc in Petroleum Exploration from the Curtin University of Technology, Perth, WA. Kalyan's interests focus on the integration of seismic data with other data types for reservoir characterisation program, prospect generation and evaluation and initiation of new geophysical techniques. His current responsibility includes supervising and planning geophysical activities in the offshore divided zone of Kuwait. He is an active member of SEG, EAGE, SPE and AEG.

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TIMOTHY CHALKE works for Mira Geoscience Asia Pacific, specialising in 3D integration and interpretation of geological and geophysical datasets for exploration targeting, ore body imaging and mining risk assessment. Previously, Tim spent two years in South Africa working for Anglo American. Projects undertaken included mine scale 3D seismic interpretation in the Bushveld Complex and the development of complex 3D models for target generation. He has worked as a project geologist and mine geologist for Gold and Iron Ore companies in the Yilgarn of Western Australia and in Tasmania. He obtained an MSc at Curtin University of Technology, and a BSc (Hons) from the University of Tasmania.

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DEHUA CHEN graduated as a Master in applied geophysics from Daqing Petroleum Institute in April, 2000, and received his Doctors degree in Acoustics in June 2007, and will work in Institute of Acoustics, Chinese Academy of Sciences as a scientist. His interest is in acoustic logging, acoustic resonance spectroscopy and its application, and propagation of seismic waves in complex media.

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RICHARD CHOPPING works at Geoscience Australia as a geophysical researcher for the Predictive Mineral Discovery Cooperative Research Centre (*pmd**CRC). He graduated from the University of Tasmania in 2004 with a BSc (Hons) in Geophysics and Computer Science. His current work involves the study of the physical properties of ore deposits and how we may detect buried deposits with geophysical techniques.

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MAXIME CLAPROOD is a PhD Candidate in Applied Geophysics at Monash University in Melbourne. His area of interest is the application of passive seismic methods for engineering and environmental purposes. He is particularly interested in the use of the microtremor survey method. He obtained a Geological Engineering degree, and a Master in Applied Geophysics (airborne time-domain electromagnetic) at l'École Polytechnique de Montreal.

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ROGER CLIFTON a geophysicist with the Northern Territory Geological Survey, is interested in advances in geophysical data processing. Roger started geophysics in the nickel days, joining BMR to process geomagnetic data in 1968. Experienced with

acquisition of ground mag, VLF, gravity, IP, he moved into programming, laboratory work on geo-materials, teaching at all levels, and in recent years into data processing of airborne magnetic and radiometric data.

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STEVE COLLINS has more than 30 years experience as a practicing mineral exploration geophysicist. He has worked extensively in Eastern Australia and Southeast Asia and also has experience in North and South America and Asia. He has an MSc from Macquarie University in exploration geophysics and worked for more than 10 years for multi-national mining companies in Australia and overseas. For the last 22 years he has been a consultant for large and small explorers, mostly in eastern Australia and southeast Asia.

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MAGDEL COMBRINCK currently works as a geophysicist for Geotech Airborne Limited in Pretoria, South Africa. She is mainly concerned with airborne data processing and her special area of interest is processing and interpretation of TDEM data. Before joining Geotech Airborne Limited she lectured in geophysics at the University of Pretoria for four years. Over the last nine years she has been involved in several projects as geophysical consultant including EM, magnetic, gravity and seismic refraction fieldwork, processing and interpretation.

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BRANKO CORNER is a senior geophysical consultant with 37 years experience in applied geophysics and minerals exploration. He has worked as a consultant for the past 15 years, serving exploration companies involved in uranium, and base-, rare-, and precious-metal exploration, mostly in southern Africa. He specialises in integrated interpretation of geophysical and geological data sets, including detailed interpretation of much of the Namibian national high resolution aeromagnetic and radiometric data. He was Head of the Department of Geophysics at the University of the Witwatersrand from 1980 to 1992, prior to which he worked as a geophysicist in industry.

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MARINA COSTELLOE is a Geophysicist in the Airborne Electromagnetic Acquisition and Interpretation Project at Geoscience Australia, Canberra. Working with Alan Whitaker, Ross Brodie, Adrian Fisher and Camilla Sorensen, the project is collaborating with industry to promote exploration, while also providing new regional-scale geophysical and geological information.

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NICK CRABTREE has a Geological Sciences degree from Cambridge University in England. Nick is currently Principal Geophysicist at RPS London, UK office. He has been working on depth conversion since 1992, partly as a software developer and partly doing consulting work. In 1999, after a year in snowy Calgary, Nick returned to London to head up a research project studying uncertainty and sensitivity analysis in velocity modelling. Over the last five years he has applied the results from this research to numerous fields world-wide. Nick's non-industry interests (apart from his wife and two children) include dinghy sailing and hiking.

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TOM CRAMPIN joined Shell's technology centre in The Netherlands in 1997, after Geology/Geophysics degrees in England (Durham BSc/Imperial MSc). His work focussed on pore pressure prediction and global acoustic rock properties with emphasis on deepwater stratigraphy. A transfer to Houston followed where a continuation of rock property research and

services led to an exploration position drilling deepwater Gulf of Mexico prospects. Tom's cross-posting to Woodside started in 2005, joining the Quantitative Interpretation team. Here he provided petrophysical support (keeping the geophysicists honest) for seismic inversions and calibration models for local and international projects. He has recently moved into an international development team.

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RICHARD CRESSWELL is a Principal Research Scientist with CSIRO Land and Water in Brisbane. His current area of interest lies in water resource assessment in regions of poor data coverage. He has thus had to develop a working knowledge of hydrogeochemistry, isotopes and geophysics, but tries to leave the actual modelling to someone else!

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AARON DAVIS submitted his PhD thesis at RMIT University on June 30, 2007. He has a Master's Degree in Applied Physics from Dalhousie University in Halifax, Nova Scotia and is working as a Postdoctoral Fellow with James Macnae at RMIT University.

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KRISTOFER DAVIS is a doctoral candidate in Geophysics at the Colorado School of Mines in Golden, Colorado. His research interests are potential field inverse theory, particularly large scale problems. He has had research topic that include the 4D gravity modelling of an aquifer storage and recovery project as well as in the use of magnetics processing for automatically detecting potential unexploded ordnances. Kristofer received a BSc in Geophysical Engineering at the Colorado School of Mines in 2005.

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FRIKKIE DE BEER is Chief Scientist of Neutron Radiography and Tomography at the SAFARI-1 Nuclear Research Reactor, South Africa. He obtained his BSc at the University of Johannesburg. He has 18 years of experience in the field and is currently President of the International Society of Neutron Radiology.

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JAYATH DE SILVA works as a hydrogeologist with the Salinity and Water Resource Recovery Branch, Water Resource Management Division of Department of Water, Western Australia. He has been extensively involved in salinity research for recovering water and land resources from dryland salinity in southwest of Western Australia.

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DAVE DEWHURST is a Principal Research Scientist with CSIRO Petroleum. He has worked extensively on mudrocks, investigating compaction, faulting and fluid flow in these sediments for around 15 years. In recent years, his research interests have focussed on fault and top seal prediction as well as rock physics response of sedimentary rocks to changing stress and pressure conditions. He manages the Integrated Predictive Evaluation of Traps and Seals (IPETS) consortium, an industry-sponsored JIP investigating prediction of fault and top seal behaviour.

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TANIA DHU is a project geophysicist with the Mineral and Energy Resources Group, PIRSA. She obtained a BSc at Adelaide University majoring in Geology and Geophysics. She then completed an Honour's degree in Geophysics, looking at environmental problems, specifically whether electrical resistance tomography could be used in characterising subsurface

contaminant flow. Her PhD at Adelaide University was sponsored by CRC LEME and focused on electrical and EM signatures of the regolith.

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BRUCE DICKSON joined CSIRO in 1975 and worked on a variety of aspects of application of radiation measurements to mineral exploration. His work covered aspects of uranium grade control, uranium exploration using ground waters, radioactive disequilibrium in uranium deposits, the processing and interpretation of aerial gamma-ray surveys and on visualising and interpreting complex data sets. He is currently running his own consultancy where he continues to develop and apply methods in all these areas.

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DAN DIFRANCESCO has been employed by Lockheed Martin in Niagara Falls, New York for over 20 years, serving as the lead mechanical design engineer on all commercial gravity gradiometer programs. He has also performed program and technical management functions for the Lockheed Martin Niagara business unit. He presently serves as the Business Development Manager for the Niagara operation. He received his BSME from Le Tourneau University in 1982.

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YVETTE POUDJOM DJOMANI is a geophysicist in the Geological Survey of NSW located in Maitland. She graduated in Geology from the University of Yaounde, Cameroon, and has a PhD in Geophysics from the University of Paris XI. Prior to joining the Survey in 2006, she was a Research Fellow at the University of Leeds, then at GEMOC at Macquarie University, working on mineral industry-related projects. Her interests include the enhancement and analysis of potential field data, estimates of effective elastic thickness to define major lithospheric boundaries and their relationship to mineral deposits. Within the Survey, she integrates high resolution geophysical data with geology to better understand the tectonics and mineral systems of NSW.

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BRIAN EVANS is Professor of Geophysics at Curtin. He worked for GSI as an instrument engineer, for Geoservice in Paris as a mud-logger and with Aquatronics London on well-site surveying. He was a geophysical consultant in London for two years before moving to Perth where he worked as a consultant as well as for Shell over a period of 8 years. In 1982, he returned to study receiving an MSc and PhD in geophysics. He is author of SEG book *Seismic Acquisition in Exploration* and his research interests include developing technologies for modelling reservoirs under pressure. He is a Member ASEG, SEG, EAGE, SPE and PESA.

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DES FITZGERALD is Director and Principal of Desmond FitzGerald and Associates, now trading as Intrepid Geophysics.

He obtained a BE (Mining with Hons.) in 1969 and a PhD in Mining in 1977, both from the University of Melbourne. Des co-wrote the INTREPID geophysical processing and mapping software product. Recent work includes defensible depth to basement estimates, 'WORMS' and support for vector and tensor processing in Intrepid. Integrating structural geology and geophysics via 3D Geomodeller is a current activity. Close partnering with many Geological Surveys has been a feature, with web services being supported for GA PIRSA, GS Ireland & BRGM.

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ANDREW FITZPATRICK received a BSc (Hons, 1998) in geophysics from Curtin University and a PhD from the University of Tasmania (2006). He worked at Geoscience Australia from 2003 to 2006 in the Cooperative Research Centre for Landscapes, Environments and Mineral Exploration (CRCLEME). He is presently employed with the CSIRO Division of Exploration and Mining continuing with CRCLEME. His research interests are in electrical and electromagnetic geophysical techniques, and his current work primarily involves the use of airborne electromagnetic technology for environmental applications and mineral exploration.

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CLIVE FOSS is a principal consultant with Encom Technology. Clive works in Encom's Advanced Technical Services Division providing consultancy and training in application of gravity and magnetic methods to petroleum and mineral exploration. Clive also contributes to Encom Technology's development of gravity and magnetic software, including ModelVision and QuickMag. Clive's principal research interests are in the inversion of gravity and magnetic data to build geological models.

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MASAMICHI FUJIMOTO has worked as a senior geophysicist in INPEX Perth office from October 2004 for the geological and geophysical evaluation for the development of Ichthys gas-condensate field. He has 10 years' experience in the oil industry including seven years with JOGMEC and four years with INPEX.

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KATE GODBER is a consultant with Mitre Geophysics Pty Ltd, and holds a BSc (Hons.) degree in geophysics from the University of Tasmania. Her geophysical expertise includes down-hole magnetometric resistivity (DHMMR), magnetics, gravity, down-hole electromagnetics, resistivity and induced polarisation. She has worked extensively in Tasmania, Broken Hill and North America, and has an eclectic interest in all matters pertaining to electrical geophysics with a particular expertise in down-hole geophysics. Current projects include geothermal power exploration in eastern Australia and even more DHMMR at Broken Hill. She is a member of the ASEG, SEG, and AIG.

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ADRIAN GOLDBERG works as an Exploration Geologist with InterOil Australia in Cairns Qld. His area of interest is the integrated interpretation of structural, potential field and seismic data. He has worked on a variety of basins and terranes in Australia, Africa and PNG. He is a member of ASEG, GSA and PESA.

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HOWARD GOLDEN earned his BA degree from the University of Utah and an MSc in Geophysics at Leeds University. His career spans 25 years in the exploration industry, including with Schlumberger, BHP Minerals, WMC Resources, and Western

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ALEXEY GONCHAROV is a project leader of Basement and Crustal Studies at Petroleum and Marine Division, Geoscience Australia. Alexey holds a PhD degree in Geophysics awarded by the St Petersburg Mining Institute in Russia. In 1994 he came to Australia. Alexey's main research projects in Australia were deep crustal studies of the Mount Isa Inlier, ocean-bottom seismograph studies at the Australian North West Margin (NWAM), integration of reflection and refraction/wide-angle seismic results at the NWAM, production and analysis of gravity and magnetic grids for the margin of the Australian Antarctic Territory.

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JONATHAN GRIFFIN has a graduate position at Geoscience Australia where his current project involves the use of wavelets to compare geomagnetic and climatic time series. He graduated from the University of Wollongong with a BSc (geology)/BMATH in 2006 after completing an honours project involving sediment transport modelling. He is interested in mathematical applications to the earth sciences.

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MARCOS GROCHAU is studying for his PhD at Curtin University of Technology in Perth, Australia, focus on quantitative interpretation of time-lapse seismic data. He is a senior geophysicist and has been working as a technical consultant for Petrobras, the Brazilian national oil company. His area of interest is related to investigation of pressure and saturation effects in seismic data to calibrate 4D interpretation and improve reservoir characterisation.

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BORIS GUREVICH is professor of Petroleum Geophysics at the Curtin University of Technology in Perth and Director of the Curtin Reservoir Geophysics Consortium (CRGC). He obtained an MSc from Moscow University (1981) and a PhD from the Institute of Geosystems (IOG) in Moscow in 1988. From 1981 until 1993 he worked at the IOG. He then worked at Karlsruhe University (1992–1993) and at Birkbeck College of London University (1993–1994). In 1995–2000 he was a research geophysicist at the Geophysical Institute of Israel. His research interests include petrophysics, theory of seismic/acoustic wave propagation in rocks and other porous materials, and seismic imaging. He is a member of SEG, AGU and EAGE.

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JACK HARFOUSHIAN is a Principal Reservoir Engineer for Schlumberger Data and Consulting Services in Australia. He provides data acquisition support and interpretation development for wireline formation testing and sampling, and also for production logging services. Jack joined Schlumberger in 1989 as a wireline field engineer and has held assignments in Europe, Africa, Australia and the Middle and Far East. Jack holds a Bachelor of Engineering degree from Curtin University, Australia,

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