

Biographies of Authors of this Issue



Ahana Dwivedi is a final year student of the 5-years integrated MSc course in Exploration Geophysics at the Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur. During the summer of 2008, she worked as a summer intern at the University of Wyoming, Laramie, WY, USA, developing 3-D subsurface model

aquifer model for the Moxa-Arch region of Western Wyoming, using well-log data, interpreted seismic horizon information, and Schlumberger's proprietary PETREL Software package. This work is a vital part of the ongoing research on carbon sequestration for the region.



Andrew Wilkinson was born in Cape Town, South Africa on March 1, 1968. He obtained the B.Sc degree in electrical engineering from the University of Cape Town, South Africa in 1989, and the Ph.D. degree from University College London, London, U.K. in 1998. In 1997 he was Guest Scientist with the German Aerospace Agency (DLR), where he

was involved with radar signal processing algorithms for synthetic aperture radar interferometry. He returned to Cape Town, South Africa, and joined the Radar Remote Sensing Group at the University of Cape Town. In 2000 was appointed as an academic in the Department of Electrical Engineering, University of Cape Town. He is presently an Associate Professor, teaching courses in signal processing, electronics and electromagnetics. His research interests include electrical tomography, radar, sonar, signal processing, image processing and inverse problems.

Bin Jia is a Masters student in the department of Energy Resources Engineering at Stanford University. His research interests include quantifying spatial uncertainty in basin and petroleum systems modeling.

Carmen Gomez obtained her M.S degree from University of Texas, Austin, and her Ph.D. in geophysics from Stanford University. Her thesis work focused on reservoir characterization combining seismic and electrical measurements.



David Denham is the Secretary and a Director of the Australian Society for Exploration Geophysicists. For the past ten years he was the Editor of ASEG's Preview magazine. He has spent over 40 years involved with many aspects of the Earth Sciences and has worked in both industry (with BP) and government - with the Australian Geological Survey

Organisation, (now Geoscience Australia). When he retired in 1999 he was Chief of the Minerals Division of AGSO. Previously he was: Chairman of the Governing Council of the International Seismological Centre from 1994-1997; President of the Geological Society of Australia from 1996-1998; Vice-President of the Federation of Australian Scientific & Technological Societies from 1999- 2003; and President of the Australian Geoscience Council from 1999-2004. He has served on the Boards of three Cooperative Research Centres and in 1984 became a Member of the Order of Australia, for Service to Seismology.



Dhananjay Kumar received his Bachelor of Science in Geological Sciences in 1998 and Master of Science in Exploration Geophysics in 2000, both from Indian Institute of Technology Kharagpur and a PhD in Geophysics in 2005 from the University of Texas at Austin. Presently, he is a research geophysicist at the Chevron Energy

Technology Company. His research interest includes seismic modeling and inversion, rock physics and 4D seismic, reservoir property predictions from seismic, and gas hydrates.



Michael Inggs was born and educated in the Eastern Cape, South Africa (Uitenhage and Grahamstown). He has an Honours degree in Physics and Applied Mathematics from Rhodes University (1973) and a PhD, DIC from Imperial College, London (1979). He has worked in industry in the UK, USA and South Africa, and joined the

Department of Electrical Engineering, University of Cape Town in 1988, where he holds the rank of Professor. He is a Visiting Professor at University College London and Liverpool Hope University. His research is in the area of radar, remote sensing and high performance computing, and he is currently seconded part time to the South African Centre for High Performance Computing. He has more than 160

journal and conference publications, three patents, and has supervised more than 65 M.Sc. and 8 Ph.D. to completion.



Mohit Agrawal is a student of Department of Applied Geophysics at the Indian School of Mines (ISM), Dhanbad. He is in the pre-final year of his M.Sc Tech five year integrated course. During the summer of 2008, he worked as a summer intern at the University of Wyoming, Laramie, WY, USA, developing 3-D subsurface model aquifer model for the Moxa-

Arch region of Western Wyoming, using well-log data, interpreted seismic horizon information, and Schlumberger's proprietary PETREL Software package. This work is a vital part of the ongoing research on carbon sequestration for the region.



Mrinal K. Sen received a B.S. and an M.S. in applied geophysics from the Indian School of Mines and a Ph.D. in geophysics from the University of Hawaii at Manoa. He worked in the oil industry as an exploration geophysicist before becoming a researcher at the Institute for Geophysics, University of Texas at Austin in 1989 where he is a

professor and holder of the Jackson Chair in Applied Seismology at the Jackson School of Geosciences. His research areas include seismic wave propagation, inverse problems, seismic imaging, and computational geophysics. He has authored two books on global optimization and seismic inversion. He is a member of SEG, AGU, EAGE, SIAM, and EAS. He is an associate editor of Geophysics, Journal of Seismic Exploration, and International Journal of Geophysics.



Partha Routh obtained his B.Sc (Hons) (1991) and M.S. in Exploration Geophysics (1993) from Indian Institute of Technology, Kharagpur, India. He obtained his Ph.D. from University of British Columbia (UBC), Canada with the focus in electromagnetic inversion problems in 1999. After a post-doctoral fellowship at UBC-Geophysical Inversion Facility he joined Conoco

Upstream Technology in Oklahoma, USA and worked from 2000-2002. He was a tenured geophysics faculty at Boise State University in Idaho, USA from 2003-2007 with focus on near surface geophysics and inversion applications. From 2007-2009 he worked in the Seismic Technology Development group at ConocoPhillips, Houston working on multi-component and data integration problems. Currently he is Geophysical Research Scientist at Upstream Research Company of ExxonMobil. His interests are in the area of

inverse problems and appraisal analysis applied to variety of geophysical data. He is active in the area of seismic imaging/inversion, time-lapse, near surface geophysics and multi-scale inversion. He is an Associate Editor of Geophysical Prospecting. He is an active member of the SEG, SPE, EAGE, AGU and SIAM.



Pawan Dewangan received the Bachelor of Science in Geology and Master of Science degree in Exploration Geophysics from the Indian Institute of Technology, Kharagpur, India and PhD in Geophysics from Colorado School of Mines, USA. Pawan Dewangan is presently working as a scientist in National Institute of Oceanography,

India. While a student at the Indian Institute of Technology, Pawan received a silver medal for obtaining first rank in the department and the P.K. Bhattacharya Memorial Award for the best outgoing student. His current research interest is in genesis, occurrence, and distribution of gas hydrates along the continental margins of India.



Pradip Mukhopadhyay graduated with B.Sc degree in physics from Burdwan University in 1993 and M.Sc (Tech) degree in applied geophysics from Indian School of Mines in 1997. He obtained his PhD degree from University of Cape Town in 2006. He worked at the Indian Institute of Technology, Bombay as a Research Scientist and Senior

Research Fellow in the field of earth quake seismology and radar remote sensing. From 2006-2008 he worked with Schlumberger Pvt. Ltd. in the field of wireline logging. In 2008 he joined the University of Wyoming as a Post Doctoral Researcher and presently working in the geophysical monitoring of carbon-sequestered deep saline aquifers project. His research interests include geophysical signal processing, waveform modeling, parallel computing, inverse problems and EM prospecting.



Ranjan Dash received a BS (1998) in Physics and Mathematics from Ravenshaw University, India, an MS (2001) in Exploration Geophysics from the Indian Institute of Technology, Roorkee and a PhD (2007) in Geophysics from the University of Victoria, Canada. He works as a research geophysicist at Chevron. His primary research

interests include study of seismic wavefields, analysis of multicomponent seismic data, seismic tomography and gas hydrates. He is a member of SEG and SPG, India.



Dr. Samik Sil is a Geophysicist at ConocoPhillips, Houston. His research focus is seismic anisotropy, fracture characterization, geostatistical inversion, and rock physics. Dr. Sil received an M.Sc. Tech degree from Indian School of Mines, Dhanbad, and an MS degree from University of Alaska. His Ph.D. degree is from University of Texas at Austin.

He has published several papers in different peer reviewed journals. He is married to his lovely wife Garima, who is his constant source of inspiration.



Dr. Sanjay Srinivasan is an associate professor of petroleum and geosystems engineering at the University of Texas at Austin. Dr. Srinivasan's research focus is on reservoir characterization using geostatistics, improved flow modeling in heterogeneous reservoirs, uncertainty assessment and improved decision-making in the

presence of uncertainty. He is a leading expert in the area of petroleum geostatistics and the development of advanced algorithms for integrating production and seismic data in stochastic modeling techniques. Dr. Srinivasan holds a B.Tech. degree in Petroleum Engineering from the Indian School of Mines, Dhanbad, M.S. in Petroleum Engineering from University of Southern California and Ph.D. in Petroleum Engineering from Stanford University.



Subhashis Mallick graduated with a bachelor's degree in Geological Sciences in 1976 and a Master's degree in Geophysics in 1978, both from the Indian Institute of Technology, Kharagpur. After working in the industry for five years, in 1983 he joined the University of Hawaii from where he received a PhD degree in Geophysics in 1987. From

1987-1990 he worked as an Assistant Seismologist at the School of Ocean Earth Sciences and Technology (SOEST), University of Hawaii. Beginning 1991, Dr. Mallick left SOEST and joined Western Geophysical Company (now known as WesternGeco) in Houston, Texas. In 2005, he left WesternGeco to join Chevron Energy Technology Company. After perusing a long career with the industry, beginning August 2008 Dr. Mallick decided to come back to the academia and joined the University of Wyoming as a Professor of Geophysics.

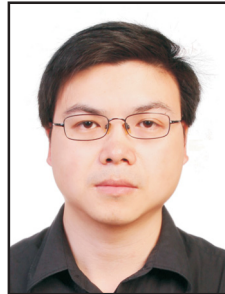
Dr. Mallick's research interests include seismic modeling and inversion, seismic anisotropy, and monitoring of carbon-sequestered deep saline aquifers.

Tapan Mukerji obtained his M.Sc (Tech) from Banaras Hindu University and Ph.D. in geophysics from Stanford University where he is currently Associate Professor and co-director of the Stanford Center for Reservoir Forecasting. His research interests include rock physics, geostatistics, wave propagation, and stochastic methods for quantitative reservoir characterization.



Thomas Bennett has a Masters Degree in Electrical Engineering from the University of Cape Town, South Africa. After graduating from his masters degree he worked for a number of years in the Radar Remote Sensing Group at the University of Cape Town. He is currently employed by the South African National Research Foundation as a software

and computing specialist working on the Karoo Array Telescope Project.



Yang Liu received his Ph.D. (1998) in applied geophysics from University of Petroleum (Beijing). He has worked at China University of Petroleum - Beijing (CUPB) since 1998. He was a visiting scholar working with Mrinal K. Sen at the University of Texas at Austin (2008-2009). Now he is a professor at CUPB. His research interests include seismic

modeling, anisotropy, attenuation and multi-component exploration. He is a member of SEG and EAGE.