

Publication List: Bob Langan

Invited Papers and Paper Citations

Invited Paper, Opening Lecture, Northwestern University Seminar Series on Shale Gas (2013): "A Short History of the Shale Gas Phenomenon."

Invited Paper, 2013 Australian Society of Exploration Geophysicists and Petroleum Engineering Society of Australia Annual Meeting, Keynote Address, "A Brief History of the Shale Gas Phenomenon in North America."

Outstanding Paper Citation from the Society of Exploration Geophysics for 1985 paper in Geophysics: "Tomographic Determination of Velocity and Depth in Lateral Varying Media."

Outstanding Paper Citation from Society of Exploration Geophysicists for 1995 presentation at International Meeting: "Crosswell Seismic Imaging in the Permian Basin, West Texas."

Invited Paper, 1999 Society of Exploration Geophysicists International Meeting, Special Session: Recent Advances and the Road Ahead, "The instrumented oil field: Implications for borehole geophysics."

Invited Paper, 2001 European Association of Geoscientists and Engineers Annual Meeting, Amsterdam, "Time-Lapse Reflection and Velocity Imaging in the Lost Hills Steam Pilot using Crosswell Seismology: Successes, Lessons Learned, and Unsolved Problems."

Invited Paper, 2002 R.J. Krizek Commemorative Symposium, Northwestern University, "Crosswell Imaging in the Oil Patch."

Sponsored and funded research that led to 1998 AAPG Bulletin Best Paper Award, "Geologic Investigation of Crosswell Seismic Response in a Carbonate Reservoir - McElroy Field, West Texas," K.E. Tucker, P. M. Harris, and R. C. Nolen-Hoeksema. Associate Ed., Geophysics Special Issue, "Migration Velocity Analysis & Tomography." (2008)

Other

- Member of the SEG Scientific Delegation to the People's Republic of China (1988)
Chair, Tomography/Inversion/Borehole Geophysics Sessions at SEG International Meetings (1985, 1987, 1990, 1992, 1994, 1996, 2010, 2014, 2015)
- Technical Program Chairman, Poster Sessions, 1988 SEG International Meeting
- Member of Organizing Committee for 2011 Borehole Geophysics Workshop I: 3D VSP
- Member of Organizing Committee for 2013 Borehole Geophysics Workshop II: 3D VSP
- Member of Steering Committee, 1998 Society of Petroleum Engineers (SPE) Archie Conference Technical Editor, SPE Journal (2000-2008)
- Assisted with One-Day Microseismic Workshop for ASEG-PESA Conference (Melbourne, 8/2013)
- Co-chair/Organizer of AGU Special Session on Industrial Microseismics, December 2011
Member, Monitoring Technical Panel for San Andreas Fault Observatory at Depth (EarthScope)
- PhD defense of Jie Zhang, MIT, 1997 (signing member)