



Center for Fundamentals
of Subsurface Flow

Speaker Series Presents

SCHOOL OF ENERGY RESOURCES

Seminar: Dr. Zee Ma

Principal Geoscientist with Schlumberger

“Petroleum Resource Evaluation and Reservoir Characterization Modeling”



Dr. Ma received his Ph.D. in Mathematical Geology and Geo-informatics in 1987 from the Institute National Polytechnique de Lorraine (INPL) – Ecole de Geologie de Nancy (France). For over 23 years, he has worked for major oil and service companies, including Total - Elf (Pau, France), Western Atlas (now Baker Hughes), ExxonMobil, and Schlumberger. He is currently a principal geoscientist at Schlumberger (Denver, Colorado), a position he has held since 2004. Dr. Ma has conducted and/or advised on nearly a hundred reservoir studies from around the world, and published many articles on reservoir characterization, modeling, and mathematical geosciences applications.

Dr. Ma's Presentation will address Hydrocarbon resource evaluation which integrates multiple disciplines, including geology, geophysics, petro physics, and reservoir engineering. This multifaceted problem must be solved through integration of these disciplines for accurate resource evaluation and management. In this presentation he will discuss a number of key issues in subsurface formation and resource evaluation, including problems encountered in the analysis and modeling of seismic attributes, net-to-gross, porosity, fluid saturation, and permeability. Though not presently well known, failure to address these issues can lead to significant inaccuracies in resource evaluation and reservoir management. He will also discuss a number of advanced reservoir characterization and modeling techniques that are used to solve these important problems.

Friday, January 21, 2011

12:10-1:00 p.m.

Union East Ballroom

Box Lunch Provided

Space is limited, please RSVP



RSVP ssschulme@uwyo.edu by 1/18/11

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