



Workshop: Multiphase Flows in Fractured Porous Media

Organizers:

F. Pereira
M. Piri
G. Qin

April 19 – 22, 2011

Laramie Hilton Garden Inn & UW Conference Center

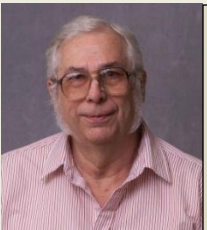
Garden Room I & II

Lunch Provided Each Day

R.S.V.P to ssschulme@uwyo.edu



Dr. Pierre M. Adler, Ingénieur de l'Ecole Centrale de Paris, Docteur es-Sciences Physiques de l'Université de Paris, is a Senior Scientist at the Centre National de la Recherche Scientifique. He is currently affiliated with the University Pierre and Marie Curie in Paris. He is Doctor Honoris Causa of the Gupkine Institute for Oil and Gas (Moscow) and a Corresponding Member of the Russian Academy of Natural Sciences. He has written over 200 papers and is a member of several boards. He has written two books: P.M. Adler: Porous media: geometry and transports. Butterworth/ Heinemann, 1992; P.M. Adler, J.-F. Thovert: Fractures and fracture networks, Kluwer, 1999. He has edited a third book: P.M. Adler: Multiphase Flow in Porous Media, Kluwer, 1995. He has supervised more than 30 Ph.D. students.



Dr. Douglas is a Compere and Marcella Loveless Distinguished Professor of Computational Mathematics. His research areas are numerical solution of partial differential equations, simulation of flows in porous media, attenuated waves, inverse and not-well-posed problems. A well know researcher in these fields, he has published over 200 papers and has just been named a 2011 SIAM Fellow. He will be giving two lectures which will treat the modeling and numerical simulation of multiphase flows in fractured reservoirs



Dr. Gong holds a PhD in Petroleum Engineering from Stanford University, a Master and Bachelor degree in Petroleum Engineering from China University of Petroleum. He worked for Chevron from 2006 – 2008 as a research scientist and CSI Energy Techniques from 2000 – 2003 in various positions including reservoir engineer, chief scientist and vice president. He will speak on fractured modeling and reservoir simulation.

AGENDA

Tuesday, April 19, 2011

12:00 p.m. – 12:10 p.m. Welcome, Dr. Felipe Pereira, UW

Luncheon 12:10 p.m. – 1:00 p.m. – Dr. Jim Douglas Jr., Purdue University, “Modeling Flow in Geometrically Regularly Fractured Media: Part I”.

1:00 p.m. – 1:15 p.m. - Break

1:15 p.m. – 3:00 p.m. – Dr. Pierre Adler, University Pierre et Marie Curie, France, “Prediction of the Macroscopic Properties of Fractured Porous Media: Part I”.

3:00 p.m. – 3:20 p.m. - Break

3:20 p.m. - 5:00 p.m. – Dr. Pierre Adler, University Pierre et Marie Curie, continuation of part I.

Wednesday, April 20, 2011

Luncheon 12:00 p.m. – 1:00 p.m. - Dr. Jim Douglas Jr., Purdue University, “Modeling Flow in Geometrically Regularly Fractured Media: Part II”

1:00 p.m. – 1:15 p.m. - Break

1:15 p.m. – 3:00 p.m. - Dr. Pierre Adler, University Pierre et Marie Curie, “Prediction of the Macroscopic Properties of Fractured Porous Media: Part II”.

3:00 p.m. – 3:20 p.m. - Break

3:20 p.m. – 5:00 p.m. – Dr. Pierre Adler, University Pierre et Marie Curie, continuation of part II.

Thursday, April 21, 2011

Luncheon 12:00 p.m. – 1:00 p.m. - Dr. Bin Gong, Peking University, “Simulation in Fractured Reservoirs”.

1:00 p.m. – 1:15 p.m. - Break

1:15 p.m. – 3:00 p.m. – Dr. Pierre Adler, University Pierre et Marie Curie, “Prediction of the Macroscopic Properties of Fractured Porous Media: Part III”.

3:00 p.m. – 3:20 p.m. – Break

3:20 p.m. – 5:00 p.m. – Dr. Pierre Adler, University Pierre et Marie Curie, continuation of part III.

Friday, April 22, 2011

Luncheon 12:00 p.m. – 1:00 p.m. - Dr. Pierre Adler, University Pierre et Marie Curie, “Porous Media on the Pore Scale”.

1:00 p.m. – 1:15 p.m. – Break

1:15 p.m. 2:15 p.m. – Dr. Bin Gong, Peking University “Stanford General Purpose Reservoir Simulator”.

2:15 p.m. – 2:30 p.m. – Closing Remarks, Dr. Mohammad Piri, UW

