



Welcome to the 2009 Multiphase Pump User Roundtable!

PetroleumETC is pleased to host the 11th annual Multiphase Pump User Roundtable (MPUR). This year's event will be held in Houston and will coincide with the Offshore Technology Conference. The goal of this roundtable is to foster interaction between oil & gas operating companies, manufacturers, regulators, researchers, and students.

The Multiphase Pump User Roundtable is an event developed by Dr. Stuart L. Scott that focuses on the application of multiphase pump technology. In the past ten years, we have seen the MPUR grow to become the premier event for multiphase pumping and a unique forum to learn about this evolving technology.



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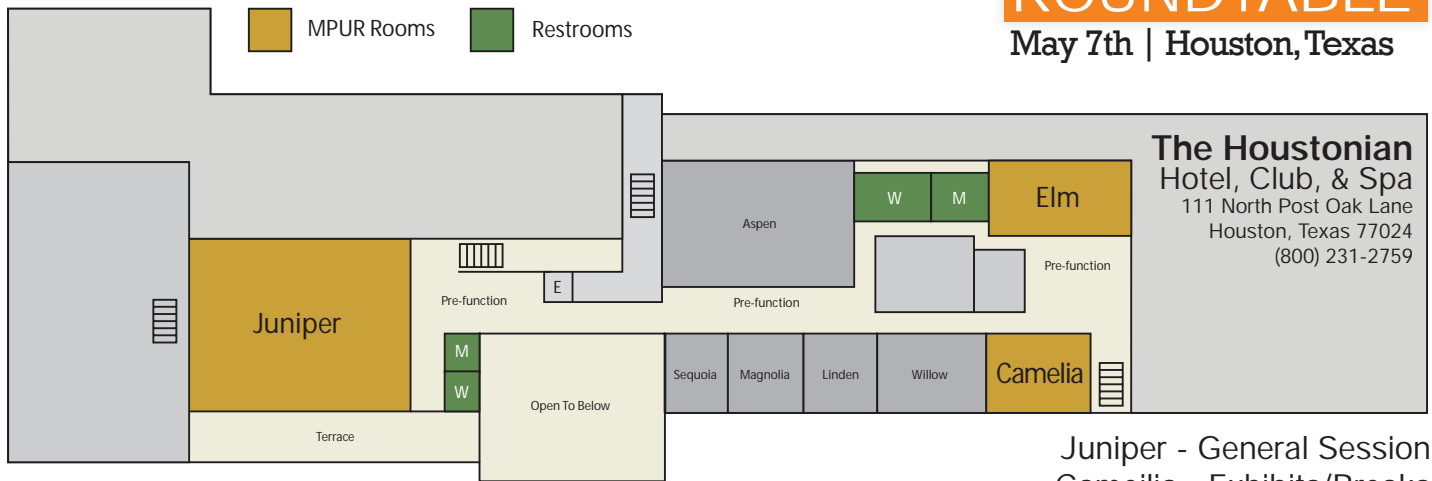
2009 Co-Sponsors:



MULTIPHASE PUMP USER ROUNDTABLE

May 7th | Houston, Texas

Upper Level



The Houstonian
Hotel, Club, & Spa
111 North Post Oak Lane
Houston, Texas 77024
(800) 231-2759

Juniper - General Session
Camelia - Exhibits/Breaks
Elm - Lunch

Thursday May 7, 2009 - The Houstonian Hotel

8:00	Registration, Tea & Coffee
8:30	Welcome and Introductions <i>Dr. Stuart L. Scott, MPUR</i>
8:45	Multiphase Pump Application at Main Pass 59 in the Gulf of Mexico <i>Greg Sinclair, Chevron</i>
9:30	Husky Oil Fleeing Horse Seepex Multiphase Pump <i>Roland Massinon, MPP Engineering Ltd.</i>
10:15	Break - Informal Discussions - Exhibits
10:45	Subsea Boosting Condition Monitoring - Why "Running to Failure" is Not a Good Idea <i>Dr. Ana Martin, BP</i>
11:30	Mechanical Seals Lessons Learned/Improving Reliability in Multiphase Pumps <i>Sergio Fraino, IMV Projects</i>
12:15	Lunch - Informal Discussions - Exhibits
1:15	Gulf of Mexico Topside Multiphase Pump Application <i>Michael Willis, Century Exploration New Orleans, Inc.</i>
2:00	Ceiba Field Subsea Multiphase Pump Improved Run Life <i>Tor Gavem, Hess</i>
2:45	Break - Informal Discussions - Exhibits
3:15	Tutorial on New 3rd Edition of API-676 <i>Bob Heyl, Chevron; Morg Bruck, Marathon; Mike Moore, Colfax</i>
4:00	Statoil Hydro Experience in Multiphase Pumping <i>Rune Ramberg, Statoil Hydro</i>
4:30	Closing Remarks

agenda

mpur presenters

GREG SINCLAIR

Greg Sinclair has been a Facilities Engineer with Chevron for 21 years. He is currently working in Chevron's Main Pass Deepwater Operations Group in the Gulf of Mexico and he was the Project Manager for the Main Pass 59 A Multiphase Pump Installation. Greg earned Bachelor of Science Degrees in Petroleum and Civil Engineering from Texas A&M University.



ROLAND MASSINON

Roland started his career as a reservoir/production engineer with Imperial Oil (Exxon) in 1980. During that time he developed the Mass Transfer Pump (Double Acting Piston Pump) for multi-phase service. After leaving Imperial he worked for National Oilwell and Rotating Right where he continued to develop the Mass Transfer Pump and designed dozens of multi-phase pumping packages including the Mass Transfer Pump, PCP's and Twin-Screw pumps. Roland now consults to a number of oil companies and engineering firms on pumping system design specializing in multi-phase pumping.

ANA MARTIN

Ana Martin has been working for BP America since 2004 as a Rotating Equipment Engineer. In 2008 Ana joined the Deepwater Facilities Technology group in BP, where she has a R&D and tech support role in subsea boosting (single and multiphase). She holds BS and MS degrees in Mechanical Engineering from Universidad Simon Bolivar in Caracas, Venezuela, and a PhD degree in Petroleum Engineering from Texas A&M University



SERGIO FRAINO

Mechanical Engineer, MSc Rotating Equipment Specialist

Bachelor Mechanical Engineer -1990 - UNEXPO University, Venezuela.

Master Rotating Equipment Specialist – 1995 - Simon Bolivar University, Venezuela.

Work Experience:

(1990 - 2003) PDVSA – PEQUIVEN – Venezuela (Petrochemical): experience as Rotating Equipment Engineer and Rotating Equipment Maintenance Supervisor.

(2003 - 2007) SINCOR – Venezuela (Extra Heavy Oil Production): as Rotating Equipment Maintenance Specialist.

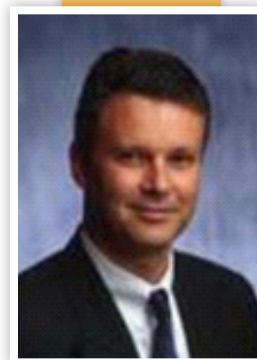
(2007 - Present) IMV Projects Wood Group - Calgary, Canada (EPC): as Rotating Equipment Specialist/Lead Mechanical. Experience in Extra Heavy Oil Production (SAGD) and Upgrader Projects.

Speaker in the MPUR in Calgary-2006, Brazil-2007 and Calgary-2008.



MICHAEL WILLIS

Michael Willis is Chief Operating Officer of Century Exploration New Orleans, Inc., a privately held oil and gas exploration and production company based in Metairie, Louisiana, USA, with offices in Lexington, Kentucky and Houston, Texas. Willis has worked in various roles in the company since 1992. Prior to that he was in the information technology business in Hong Kong and Cape Town, South Africa. Willis has a Bachelor of Commerce degree from the University of Cape Town, and a Masters of Business Administration from Tulane University. He lives in Covington, Louisiana with his wife and two sons.



mpur presenters

TOR GAVEM

Tor Gavem is responsible for Subsea Projects in the Gulf of Mexico and West Africa for Hess Corporation. Tor started with Hess in 2006 and has been project manager for several projects related to the Ceiba Field in Equatorial Guinea and activities in the Gulf of Mexico. Prior to his career with Hess, Tor worked for Wellstream and Technip.



BOB HEYL

Robert F. (Bob) Heyl is a Sr. Staff Engineer in Chevron's Energy, Research and Technology Company in Houston, Texas. He is leader of the 730-member Chevron Machinery and Mechanical Systems Technology Network and the annual Mechanical Equipment Round Table (MERT) attended by Chevron's mechanical equipment personnel from around the world. Mr. Heyl has been with Texaco and Chevron for 38 years and is responsible for the design and troubleshooting of mechanical equipment internationally. His responsibilities include equipment application, specification, selection, installation, troubleshooting, and the development and promotion of new technologies throughout the company.

Mr. Heyl has a B.S. degree (Engineering Science) from Hofstra University and attended Columbia University. He has two patents dealing with the gasification of sewage sludge. He is a Steering Committee member of the API Subcommittee on Mechanical Equipment, and is Chairman of API 674, API 675, and API 676 Task Forces. He has participated on API 610, API 614, and API 682 Task Forces. In addition, he is on the Advisory Board of Texas A&M's Pump Symposium and is a past board member of Texas A&M's Turbo Symposium. He has provided presentations and led discussion groups at various A&M Pump/Turbo Symposiums. He has participated in the MPUR for many years, providing presentations and conducting discussion groups.



MORG BRUCK

Morgan M. (Morg) Bruck is a Senior Engineer for Marathon Petroleum Company (MPC) in the Engineer Standards and Technical Support Group. Located in Findlay, OH; Morg writes standards related to rotating equipment and measurement and provides tech support in these areas for Marathon Pipe Line and Marathon Terminals, Transport, and Marine. Prior to his position at MPC, Morg worked in plant, project, and reliability engineering with The Dayton Power & Light Company and SOHIO Pipe Line Company. Morg is an active member of API standards committees for pumps and pump repairs and also API measurement standards.

Morg is a graduate of Rose-Hulman Institute of Technology (BSME 1969)



MIKE MOORE

Mike Moore is the Director of Global Oil & Gas Marketing for the Colfax Corporation reporting to the operation in Monroe, North Carolina. The first 16 years of Mr. Moore's career was spent with the Flowserve Pump Division (formerly Dresser Industries and Ingersoll-Dresser Pump) located in Brantford, Ontario working with a wide variety of centrifugal and positive displacement pump types. His work experience with Flowserve spanned the engineering, field service, project management and new product development departments. The last 4 years of Mr. Moore's career has been spent working with Colfax, initially as their Senior Multiphase Engineer and then as Colfax Americas' Crude Oil Product Marketing Specialist prior to taking on his current responsibilities. For the last 4 years, Mr. Moore has served as the task force secretary for API 676 - Positive displacement pumps—rotary.

He received his education in mechanical engineering at McMaster University and the Mohawk Technical Institute, both located in Hamilton, Ontario.

