



## 9th Multiphase Metering Roundtable - Houston: April 30, 2009

Petroleum ETC is pleased to host the 9th annual Multiphase Measurement Roundtable (MMR) in Houston, Texas on April 30, 2009. Chaired by industry leaders Dr. Parviz Mehdizadeh and Dr. Gioia Falcone, this user-driven forum provides an opportunity for representatives from the oil & gas operating companies, manufacturers, regulators, researchers, and students to come together and close the knowledge gap on multiphase technology. Over the past nine years, we have seen MMR grow to become the premier event for multiphase measurement in the Americas and we invite you to participate in this user-driven forum. The ninth annual MMR provides a focus on such issues as:

- *Advances in Meter Technology*
- *Meter Verification and Diagnostics*
- *Commingled Fluids and Sampling*
- *Reservoir Management and Production Optimization Using Multiphase Meters*

The event features highly interactive workshop sessions and the opportunity to gain insight from those that have successfully applied this exciting new technology.

[www.Multiphase-Metering.org](http://www.Multiphase-Metering.org)

### 2009 Sponsors:



### 2009 MMR Chairs:



Dr. Parviz Mehdizadeh



Dr. Gioia Falcone

For additional information, please contact:

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 Multiphase User Roundtable  
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### Program Agenda

8:00	Registration – Exhibits / Informal Discussions
8:30	Welcome & Introduction to the Goals of the Event <i>Parviz Mehdizadeh, Production Technology Inc.</i>
8:45	Reservoir Management & Multiphase Metering <i>James Pappas, Devon</i>
9:15	Keynote Presentation - What has the Multiphase Flow Metering community achieved to date? Learning from our past mistakes and reaching out to the industry <i>Dr. Gioia Falcone, Texas A&amp;M University</i>
9:45	Multiphase Meter Well Testing-Low GOR Mature Fields <i>David Farchy, Agar Corporation; Parviz Mehdizadeh, Production Technology Inc.</i>
10:15	Coffee Break - Exhibits / Informal Discussions <i>Break sponsored by Framo Engineering</i>
10:45	Workshop Sessions: 1. <i>Reservoir Management and Production Optimization Using Multiphase Meters</i> <i>Chair: Dr. Gioia Falcone-TAMU, Co-Chair: Dr. Oladele Bello-TAMU, Co-Chair: David Farchy-Agar Corporation</i> 2. <i>Advances in Meter Technology</i> <i>Chair: Denny Bullard-Pioneer Natural Resources, Co-Chair: Matteo Tonizzo-Pietro Fiorentini</i>
11:45	A Review of the Parameters Influencing Venturi Meters with Wet Gas Flows <i>Dr. Richard Steven, Colorado Engineering Experiment Station</i>
12:15	Lunch
1:15	A Multiphase Meter for Every Well <i>Jack Marrelli PhD, Chevron</i>
1:45	The Effect of Low Gas Volume Fractions on Density-Based Watercut Measurements Obtained Using a Coriolis Flow Meter <i>Flavia Viana, Southwest Research Institute</i>
2:15	Two-Phase Pressure Drop in Multiple Orifice Valves <i>Dr. Oladele Bello, Dr. Gioia Falcone, TAMU; Claudio Alimonti, University of Rome</i>
2:45	Coffee Break - Exhibits / Informal Discussions
3:15	Multiphase Sampling in Thermodynamic Equilibrium – Implementation and Field Examples <i>Stefan Smuk, Schlumberger Oilphase; Amin Amin, Axio Alliance</i>
3:45	Workshop Sessions: 3. <i>Meter Verification and Diagnostics</i> <i>Chair: Flavia Viana-SwRI, Chair: Parviz Mehdizadeh-Production Technology Inc.</i> 4. <i>Commingled Fluids and Sampling</i> <i>Chair: Michael Smith-Axio Alliance, Co-Chair: Ricky Holloman-Expro Group</i>
4:45	Panel with Workshop Chairs
5:00	Adjourn