WEDNESDAY, OCTOBER 18

8:00 - 1:30 PM  Vendor Exhibits Open

2:00 - 3:20 PM  Concurrent workshops running in two shifts.

And  Workshop #1 - Does Current Simulation Software Provide the Right tools for

3:40 - 5:00 PM  Planners - Coordinator: Mike McCoin

Workshop #2 - How to Get Gas Control to Accept and Believe in Simulation

Models - Coordinators: Dave Scott and Ray Whaley

Workshop #3 - Microsoft

6:00 - 7:30 PM  Reception

THURSDAY, OCTOBER 19

7:30 - 8:30 AM  Registration

8:30 - 8:45 AM  Preliminaries

8:45 - 9:30 AM  Series or Parallel - Taylor Made Design or a General Rule for a Compressor

Station Arrangement?

Sidney dos Santos - Petrobras Gas S.S. (Brazil)

A case study of a proposed pipeline with 14 compressor stations with 56 compressors is given.

9:30 - 10:00 AM  Vendor Commercial Session

10:00 - 10:30 AM  Break

10:30 - 11:15 AM  Monitoring Electric Pump Costs in Real Time

Dale Neaderhouse - LICEnergy

Brian Wray - BP-Amoco Canada Ltd.

The paper presents methods on how to use available information to control electric costs on a real time basis.

11:15 - 12:00 Noon  Underground Storage Scheduler

Marco Hoogwerf - N.V. Nederlandse Gasunie

Gasunie uses a model which optimizes annual gas storage usage taking into account the daily needs.

12:00 - 1:15 PM  Lunch

1:15 - 2:00 PM  Optimizing Pipeline Control under Transient Flow Conditions

Henry Rachford and Richard Carter - Stoner Associates Inc.

The authors present a new method of arriving at optimum operating conditions for a pipeline in transient flow.

2:00 - 2:45 PM  A Practical Approach to Transient Optimization for Gas Networks

Erwin Sekirnjak and Christian Kelling - PSI AG (Europe)
A transient optimization solution as an extension of the steady state optimization is described.

2:45 - 3:05 PM  Chairman’s Session

3:05 - 3:30 PM  Break

3:30 - 4:15 PM  Automating Transient Predictive Models to Address Routine Operational Questions
Sam Sampath and Stan Yee - Foothills Pipe Lines Ltd.
Foothills has developed a method to automate the process of asking “what if” questions of one of their pipeline systems.

4:15 - 5:00 PM  Integrating An Expert System and Pipeline Simulator to Enhance Gas Pipeline Operation and Safety
Anders Johnson - El Paso Energy
The integration of an expert system and a pipeline simulator in the El Paso system is described and discussed.

6:00 - 7:30 PM Reception

FRIDAY, OCTOBER 20

8:30 - 9:15 AM  A Tutorial On Equations of State
Jerry Modisette - LICEnergy
The author discusses the various aspects of equations of state for gases and liquids.

9:15 - 10:00 AM  Less Is More - Accuracy Versus Precision in Modeling
Susan Bachman - Coral Pipeline
Mary Goodreau - Stoner Associates Inc.
The authors discuss the possible accuracy of models versus the model sophistication.

10:00 - 10:30 AM  Break

10:30 - 11:15 AM  Advanced Tools for Improving the Profitability of Pipeline Operations
Bill Brooksband and Mohan Thiagarajah - Honeywell
The paper discusses how the application of automation and computer techniques can be used to provide maximum benefit to operational and maintenance activities.

11:15 - 12:00 Noon  Short Term Gas Demand Forecasting
Martin Thorne - BG Technology Limited
The paper describes how British Gas forecasts gas demand on a day by day basis.

ADJOURNMENT