PSE HANDS-ON WORKSHOP

gPROMS ProcessBuilder Advanced Process Simulation

DATE:
5 October 2016

LOCATION:
University of Texas
Room TBD
J.J. Pickle Research Campus
10100 Burnet Road
Austin, TX 78758

This free, hands-on workshop will introduce gPROMS ProcessBuilder in a focused, participatory session led by an expert user. The workshop is geared towards industrial users with case studies and exercises pulled from real world applications.

gPROMS ProcessBuilder is an Advanced Process Simulation tool for model-based support of key design and operating decisions. ProcessBuilder provides all the power of the gPROMS platform in an easy-to-use flowsheeting environment that contains industry-leading steady-state and dynamic process models. ProcessBuilder goes well beyond existing process simulators with a new generation of advanced applications that enable you to create competitive advantage as never before.

Register soon, spaces are limited.

Breakthroughs in equation-oriented modeling techniques have opened the door to advanced applications – from model-based detailed reactor design to whole-plant optimization – that provide new ways to create value and competitive advantage.

WHO SHOULD ATTEND

The event is aimed at technology personnel and managers in process industry R&D, Engineering and Operations divisions within Chemical and Petrochemical companies and research organizations.

Austin agenda
Attendees should plan to bring a laptop.

8:30   **Registration**

9:00   **Introduction to PSE and our products**

9:15   **Introduction to ProcessBuilder**
gPROMS ProcessBuilder provides all the power of the gPROMS platform In an easy-to-use flowsheeting environment. ProcessBuilder provides all the features you would expect to find in a process simulator, but based on high-fidelity first principles predictive modeling within a truly equation-oriented optimization framework.

9:45   **Hands-on session: Building your own flowsheet in ProcessBuilder**

12:00   **Lunch**

12:45   **Parameter estimation and optimization in ProcessBuilder**

13:15   **Hands-on session: Optimizing your flowsheet**

14:30   **Case study: Whole plant optimization**

15:15   **Other capabilities**

15:30   **Finish**

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