



Press release

IMMEDIATE RELEASE

April 25, 2012

Process Systems Enterprise Inc. welcomes Purdue to The Partnership for Advanced Process Modeling

Advanced industrial software available to chemical engineering students

Cedar Knolls, NJ, April 25, 2012 -- Process Systems Enterprise Inc. (PSE), the Advanced Process Modeling™ company, today announced the signing of Purdue University as the latest US university to its Partnership for Process Modelling.

PSE, a spin-out of Imperial College London, England, will contribute its leading gPROMS® platform software, model libraries and training services to the partnership with Purdue University's Chemical Engineering Department. The university will drive adoption of advanced process modeling technology to its graduate and undergraduate chemical engineering students, teaching staff and selected industrial participants.

gPROMS, the world's leading advanced process modeling platform, is used by process companies around the world to make better, faster and safer design and operating decisions by reducing uncertainty. This enables reduced time-to-market for new processes or products, better-managed development risk, improved designs, enhanced production, reduced capital and operating expenditure and better compliance with safety, health and environmental requirements, typically with high return on investment.

The software platform is applied in all sectors of the process industries, in particular those with complex operations such as reaction, separation, crystallization and polymerization.

"The Partnership for Advanced Process Modeling continues to gain momentum," said Dale Curtis, President of PSE Inc. "It demonstrates the demand for universities to have access to the same powerful tools as used within industry to create and capture sustainable value. Our goal is for engineering students to understand how to apply the unique opportunities available with advanced processing modeling tools, so that they too can become part of a powerful ecosystem that is making a big difference in innovation, safety, and effectiveness."

Purdue University is excited to be a key US partner in this vital initiative", said Jim Litster, Professor of Chemical Engineering and Professor of Industrial and Physical Pharmacy. "As a member of PSE's gSOLIDS Advisory Board and an organization that has already adopted PSE's solids process modeling software, we understand the need to provide our students with the most advanced tools industry needs to win in a competitive global economy. The tools and expertise made available in this Partnership for Advanced Process Modeling enable us to remain competitive while achieving breakthrough results in our programs."

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About Purdue University

Purdue University was founded on May 6, 1869, as a land-grant university when the Indiana General Assembly, taking advantage of the Morrill Act, accepted a donation of land and money from Lafayette businessman John Purdue to establish a college of science, technology, and agriculture in his name. Today, Purdue enrolls over 75,000 undergraduate and graduate students in all its six campuses, one of the largest student body of any university in United States, as well as the second largest international student population of any public university in the United States.

Purdue has one of the country's largest and strongest Colleges of Engineering. Within this College, Purdue Chemical Engineering is home to 500 undergraduate students and 130 graduate students advised by 28 faculty members. Its research programs span from fundamental Chemical Engineering areas such as catalysis and fluid mechanics to more recent areas such as biomedical engineering, renewable energy, and new materials.

Purdue has a strong interdisciplinary research program in Particle Products and Processes. The University is a partner in the National Science Foundation funded Center for Structured Organic Particulate Systems (CSOPS) which includes researchers from several engineering disciplines and industrial pharmacy.

About Process Systems Enterprise Ltd

PSE (www.psenterprise.com) is the world's foremost provider of Advanced Process Modeling software and services to the process industries. Advanced Process Modeling is transforming the way that process companies design and operate processes by enabling better, faster and safer design and operating decisions and reducing uncertainty.

Use of PSE's technology and services results in faster innovation, improved designs of processes and products, enhancement of existing operations and more effective R&D and experimental campaigns. It also facilitates capture and transfer of corporate knowledge across the organization. Results are achieved with relatively low investment compared to alternative approaches – where these exist – with rapid return on investment.

PSE's global customer base of Fortune 500 process industry companies is served by operations in the UK, USA, Germany, Japan and Korea, and agencies in Saudi Arabia, China, Thailand, Malaysia and Abu Dhabi. PSE is a spin-out of Imperial College London.

The company's own ability to innovate was recognized with the award of the prestigious Royal Academy of Engineering MacRobert Award for Engineering Innovation, the highest UK engineering prize.

About gPROMS

gPROMS[®] is the world's leading Advanced Process Modeling platform. gPROMS models are used to explore the design or operational decision space to provide accurate predictive information for decision support. This helps companies reduce time-to-market for new processes or products, manage development risk, improve designs, enhance production, reduce capital and operating expenditure and ensure better compliance with safety, health and environmental requirements.

The package is applied in all sectors of the process industries, with particular focus on modeling of complex operations such as reaction, separation, and polymerization. PSE also supplies a range of process engineering tools built on the gPROMS platform, including gFUELCELL[®], gSOLIDS[®], gCRYSTAL[®] and gFLARE[®].

gPROMS is applied across the 'process lifecycle' and at multiple scales, from laboratory experimentation through process and detailed design to online operation, and is central to a model-based engineering approach. PSE is committed to maintaining gPROMS at the leading edge of process modeling technology