Call for papers

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Instrumentation for Process Modeling and Validation

Accurate numerical modeling of operational systems requires proper validation, which is typically accomplished by comparing process measurements with calculated results. High-quality process data can be difficult to obtain, especially in systems that operate under hazardous conditions or use legacy equipment where implementation of modern instrumentation can be difficult. This special topic is intended to showcase proven methodologies for instrumenting processes, collecting data, and actionably using it to validate and improve process models.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at: http://www.tms.org/AuthorTools/

Keywords for this topic: Advanced Processing; Computer Applications and Process Control; Modeling and Simulation; Instrumentation; Data Collection; Validation

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