PLENARY SPEAKER ESCAPE27

Tuesday, October 3rd | 14:30-15:30

Room C1

Gintaras V. (Rex) Reklaitis, *Purdue University, West Lafayette, USA.*

Gintaras. V. (Rex) Reklaitis is the Burton and Kathryn Gedge Distinguished Professor of Chemical Engineering at Purdue University (USA).

Professor Reklaitis' research involves the application of computing and systems technology to support the design and operation of processing systems. Areas of recent emphasis are the support to batch and semi-continuous operations as well as methodologies for plant- and enterprise-wide planning and optimization. For these purposes, large scale linear, nonlinear, and discrete optimization methods, statistical techniques, probabilistic decision tools, knowledge-based methods, as well as combined discrete-continuous simulation tools are used. The results are applicable over a wide range of sectors and problems, such as the development of pharmaceutical products and processes (design, manufacture and drug product administration), or the design of RTO systems which can accommodate combined batch and continuous plant operations planning under uncertainty, including R&D planning as well as supply chain optimization applications.

Prof. Reklaitis is member of the US National Academy of Engineering and has received several professional recognitions, including the Computing in Chemical Engineering Award (AIChE), the ChE Lectureship Award (ASEE), or the Long Term Achievements in Computer Aided Process Engineering Award (EFChE). He has served on the Board of Directors of AIChE, the Council for Chemical Research and the CAChE Corporation and continues to serve on the editorial boards of several journals.