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<th>Journal Publications</th>
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Books


Book Chapters


**Refereed Conference Proceedings**


Conference Presentations


56. P. Bhavsar, B. Srinivasan and R. Srinivasan, Performance Monitoring of Control Room Operators through Eye Gaze Analysis, AIChE Annual Meeting, Salt Lake City, UT, Nov 7—13, 2015, Paper #703h


66. R. Srinivasan, Cognitive Engineering: Quantifying the Building Blocks of Human Error, Workshop on Safety and Integrity Management of Operations in Harsh Environment, Oct 22-23, St. John’s, Canada (Invited)


68. R. Srinivasan, Process safety in the Indian chemical industry, 8th National Frontiers of Engineering, Indian Institute of Technology Gandhinagar, Ahmedabad, India, Sep 5-6, 2014. (Keynote)


71. R. Srinivasan, Teasing out patterns in the industrial practice of sustainability through text mining, Trans-Atlantic Research and Development Interchange on Sustainability, Estes Park, CO, USA, Jun 3-6, 2014. (Invited)


76. A. Adhitya and R. Srinivasan, Decision Support in Alarm Management – Cure or Curse?, 9th World Congress of Chemical Engineering, Seoul, Korea, Aug 18-23, 2013.


101. Zhou Ying, L. Samavedham, and R. Srinivasan, Estimate Particle Size Distribution by Image-Based Sensors: Integrating Multiple Image Segmentations, 7th European Congress of Chemical Engineering, Prague, Czech Republic, Aug 28 – Sep 1, 2010


104. S. Jonnalagadda, B. Balagurunathan, and R. Srinivasan, Comparison of pentose sugar utilization in Saccharomyces cerevisiae and Pichia stipitis using Elementary Flux Modes, Metabolic Engineering VIII: Metabolic Engineering for Green Growth, Jeju Island, Korea, Jun 13-17, 2010

105. S. Jonnalagadda, B. Balagurunathan, and R. Srinivasan, Multi-objective MILP approach to identify gene knock-out strategies for strain improvement, Metabolic Engineering VIII: Metabolic Engineering for Green Growth, Jeju Island, Korea, Jun 13-17, 2010


109. R. Srinivasan, Decision Making for Refinery Supply Chain Management: Challenges and Opportunities, Presented at the 15th Chemfluence National Symposium, Chennai, IN, Feb 24-26, 2010 (Keynote)

110. Y. Jie, A. Adhitya, R. Srinivasan, Dynamic Modeling of a Multi-Site Specialty Chemical Manufacturing Supply Chain, Presented at the 2nd International Conference on Infrastructure Systems and Services, Chennai, IN, Dec 9-11 2009


115. Z S Ng, Aaron Tan, A Adhitya and R Srinivasan, Agent-Based Model for Decision Support in Multi-Site Manufacturing Enterprises, Presented at the 7th German Conference on Multiagent System technologies, Hamburg Germany, Sep 9 -11, 2009.


125. H. Zhang, A. Adhitya, and R. Srinivasan, Agent-based Simulation of a Specialty Chemicals Supply Chain, Presented at the International Conference on Infrastructure


148. YS Ng. and R. Srinivasan, Comparison of Decision Fusion Strategies for Combining Heterogeneous Diagnostic Fault Classifiers, Presented at the AIChE Annual Meeting, San Francisco, CA, Nov 12-17, 2006. Paper #125f


182. A. Adhitya, R. Srinivasan, IA Karimi, Extending safety approaches form process plants to supply chain, INFORMS Annual Meeting, San Francisco, CA, Nov 13 - 16, 2005


184. YS Ng and R. Srinivasan, Overcoming False Positives (Type-I Errors) while Monitoring of Transient Operations using Principal Component Analysis, Presented in AIChE annual meeting, Cincinnati, OH, Oct 30- Nov 4, 2005.


207. M. Mishra, R. Srinivasan and IA Karimi, A model-based framework for detecting, diagnosing, and rectifying supply chain disruptions, Presented in the AIChE annual meeting, Austin, TX, Nov 7-12, 2004.

208. YS Ng and R. Srinivasan, Collaborative Decision Support during Process Operations using Heterogeneous Software Agents, Presented in the AIChE annual meeting, Austin, TX, Nov 7-12, 2004.


210. S. Jonnalagadda and R. Srinivasan, Hybrid Modeling of Gene Regulatory Networks through Clustering, Genome-Wide Location Analysis, and Linear Models, Presented in the AIChE annual meeting, Austin, TX, Nov 7-12, 2004.

211. YS Ng and R. Srinivasan, Fault diagnosis during process transitions using SOM and clustering approaches, Presented in the AIChE annual meeting, Austin, TX, Nov 7-12, 2004.

212. A. Adhitya, R. Srinivasan and IA Karimi, A heuristic reactive scheduling strategy for recovering from refinery supply chain disruptions, Presented in the AIChE annual meeting, Austin, TX, Nov 7-12, 2004.


