The 15th IFAC Symposium on Information Control Problems in Manufacturing
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Proposal of invited session on:

Sustainability of Multimodal Energy, Data and Material Flow Networks

Chairs:
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Sustainability of multimodal energy, data and material flow networks is one of key challenges in the production area both for processing, logistics control and management. Within this context, the new statements of the problems in these fields, new ideas and approaches, and progress in achieving new practical and scientific results may be of great interest and importance for the industrial automation community. Special attention is paid to model predictive control for soft sensors, knowledge-based control and other intelligent methods for multimodal industrial and machine learning systems. The manufacturing modeling and simulation session provides an excellent forum for scientists, researchers, engineers and industrial practitioners to meet and share experiences, theoretical knowledge or application examples based on the latest trends in various approaches to multimodal networks organization. Session topics focus on:

- Modeling for advanced control of complex dynamic plants
- Manufacturing modeling and simulation of network and multimodal system
- Knowledge-based processing and management models and machine learning

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