

Call for Papers

a Session on

Flexible Automation in Manufacturing Systems

2018 International Symposium on Flexible Automation (ISFA2018)
Conference Center of the Kanazawa Chamber of Commerce and Industry
July 15-19, 2018, Kanazawa, Ishikawa, Japan

Session Technical Focus

Flexible automation is rapidly becoming a predominant trait in modern manufacturing systems. There is a constant need for improved understanding of system-level interactions between various machines, operations and humans in today's manufacturing, which is increasingly characterized by high levels of flexibility because of the need for personalized, customized products. We cordially invite you to submit a paper to share your knowledge and expertise in all areas related to **Flexible Automation in Manufacturing Systems**. Papers from the industrial sector are particularly encouraged. The session welcomes both theoretical and applied papers in areas including, but not limited to:

- Modeling, characterization and optimization of operations in manufacturing systems, including Work in Progress (WIP) dynamics, maintenance, productivity, logistics etc.
- Productivity optimization
- Quality and process control
- Automating optimization of additive manufacturing processes
- Process diagnostics and maintenance optimization in manufacturing systems
- Staff assignment and optimization
- Adaptive manufacturing systems
- Sustainability in flexible manufacturing systems

Paper Submission

The deadline for submission of your contribution to this session is **January 15th, 2018**. Both short and long papers will be considered and reviewed. For short papers, please submit an abstract of 300-500 words (a camera-ready manuscript is limited to 2 or 4 pages) and, for long papers, please submit a manuscript of no more than eight pages. All summaries and manuscripts should be submitted through the conference website at <http://w3a.kanazawa-it.ac.jp/ISFA2018/>.

Session Organizers

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