

Call for Papers
a Session on

Nanomanufacturing and Nanoinformatics

2016 ASME/ISCIE International Symposium on Flexible Automation (ISFA2016)
InterContinental Hotel & Conference Center
August 1-3, 2016, Cleveland, Ohio, USA

Session Technical Focus

Scalable nanomanufacturing is crucial to fulfill the promise of nanotechnology. Full-scale production demands systematic knowledge regarding robust product/process design, synthesis or processing techniques, metrology and inspection, and process modeling and control. The integration of manufacturing science with advanced statistics in each critical stage has been instrumental for the successful transformation of quality and productivity. We cordially invite you to submit a paper to share your knowledge and expertise in all areas related to **Nanomanufacturing and Nanoinformatics**. Papers from the industrial sector are particularly encouraged. The session welcomes both theoretical and applied papers in areas including, but not limited to:

- Scale-up process design and development
- Scalable nanofabrication techniques
- Metrology, inspection, and sensing for nanomanufacturing
- Nanomanufacturing process modeling for scale-up
- System informatics and control in nanomanufacturing
- Reliability modeling and analysis for nanodevices and processes
- Robust design for nanomanufacturing

Paper Submission

The deadline for submission of your contribution to this session is **February 29, 2016**. Both short and long papers will be considered and reviewed. For short papers, please submit a summary of 1,000 words or less (short papers will be limited to 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://engineering.case.edu/conference/ISFA2016/>.

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