

2012 International Symposium on Flexible Automation (ISFA2012)

<http://www.asmeconferences.org/ISFA2012/>



Date:

June 18-20, 2012

Location:

St. Louis Union Station Marriott, St. Louis, Missouri, USA

Sponsored Organizations:

American Society of Mechanical Engineers (ASME)

Institute of Systems, Control and Information Engineers (ISCIE) in Japan



St. Louis Union Station Marriott

About the Conference:

The International Symposium on Flexible Automation (ISFA), originally the Japan-USA Symposium on Flexible Automation, is a biennial conference initiated in 1986. The term Flexible Automation refers to a wide variety of technologies that address increasing automation needs in modern manufacturing (advanced manufacturing, nanomanufacturing, biomedical manufacturing, energy manufacturing, etc.) as well as other fields such as transportation systems, consumer electronics, and information technology. The topics covered by ISFA 2012 include, but not limited to, the following:

- CAD/CAM
- Mechatronics
- Robotics
- Machine and Robot Control
- Sensors and actuators
- Micro and Nano Technology and Control
- Networked Control Systems
- Machining and Precision engineering
- Logistics and Supply Chain Management
- Biofabrication
- Additive Manufacturing
- Cyber-Enabled Manufacturing
- Energy Manufacturing
- Fluid Power Systems Design and Control
- Vehicle System Controls and Manufacture
- Design and Control of Electrified Vehicles
- Sustainable Design and Manufacturing
- Virtual and Augmented Reality
- Hybrid Manufacturing
- Intelligent Transportation Systems

Paper Submission:

All papers should be written in English. Both long and short papers will be considered. A long paper is from 6 to 8 proceedings pages and a short paper is no more than 4 pages (about 1000 words per page). The Paper Submission Deadline is Wednesday, November 16, 2011. Submission of papers should be through the conference website <http://www.asmeconferences.org/ISFA2012/>.

St. Louis Attractions:

The Gateway Arch is one of the most well known landmarks in the United States and is the city's most spectacular attraction. Other numerous attractions: Forest Park, St. Louis Art Museum, Missouri History Museum, St. Louis Science Center, and St. Louis Zoo — all for free. Other nearby attractions: Missouri Botanical Garden and a Six Flags Theme Park.



Skyline of St. Louis with Gateway Arch

Organizing Committee Co-Chairs:

Ming Leu (Missouri University of Science and Technology)
Toshiya Kaihara (Kobe University)

Program Committee Co-Chairs:

Yong Huang (Clemson University)
Nobuhiro Sugimura (Osaka Prefectural University)

Advisory Committee Co-Chairs:

Masayoshi Tomizuka (University of California at Berkeley)
Tohru Watanabe (Ritsumeikan University)