



## CALL FOR PAPERS

### FEATURING:

- Automated Fastening
- Composites
- Intelligent Technology
- Lean/Six Sigma
- Materials
- Structures
- Manufacturing

## Aerospace Manufacturing & Automated Fastening Conference

*"Advances in Processes, Tools, and Materials for the Aircraft Industry"*

**September 16-18, 2008**

Embassy Suites Hotel @ Charleston Area Convention Center  
North Charleston, SC

Potential authors are invited to submit abstracts of approximately 300-500 words including title, author(s) contact information. Abstract submission begins September 19, 2007 through January 28, 2008. Abstracts can be submitted online at [www.sae.org/amaf](http://www.sae.org/amaf).

#### Lean Manufacturing & Supply Chain Management

- Lean Tools and Techniques
- Lean Implementation
- Supply Chain (the 4 Ws)
- Dynamics of Supply Chain
- Lean Six Sigma

#### Information Technologies

- Product Design and Manufacturing Integration
- Integrated Production Systems
- Software Simulation
- Virtual Manufacturing
- Digital Based Design Systems for Manufacturing
- Analysis and modeling tools

#### Automated Fastening Technologies

- Assembly Fixture Automation
- Automated Assembly Systems
- Fully Automated Fastening Sub-systems
- Semi- Automated Fastening Sub-systems
- Engineering and Designing for Automated Fastening
- Fixture Design
- Robotics
- Latest Advancements

#### Composite Materials and Processing

- Advanced Composite Forming and Joining
- High Output Composites Manufacturing
- Nanotechnology for Aerospace
- Next Generation and Low Composite Materials
- NDE and Repair of Composites
- Out of Autoclave Composite Processes
- Multifunctional and Adaptive Structures
- Structural Health Monitoring
- Thermal Structures

#### Automated Manufacturing

- Mobile Manipulator Manufacturing
- Robotic Manufacturing
- Intelligent Manufacturing

#### Metals and Processing

- Friction Stir Welding
- Advanced Material Joining
- Advanced Machining
- Additive Metals Manufacturing
- Advanced Forming and Fabrication
- Advanced Alloy Materials
- Low Cost Titanium

#### Environmentally Friendly Manufacturing

- Tribology
- Polymers, Coatings and Surface Technologies
- Standards and Regulations

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