

# FASTENERTECH™ '09 Preliminary Schedule of Events

## The All-Fastener Industry Event in the Heart of the Fastener Industry



**Monday, June 8, 2009**

### Advanced Metrics Seminar

Presented by the *Fastener Training Institute™*  
www.fastenertraining.org  
9:00 AM to 12:00 PM

- Metric System: Definition & Metric Units/Imperial Units Comparison
- Governing Standards – Comparison of JIS, DIN, ISO & Others
  - Metric Fasteners vs. Inch Fasteners
  - Metric Thread Pitch vs. Inch Threads Per Inch
  - Metric Sizes – Inch Sizes Comparison (Chart)
- Metric Property Classes • Head Markings • Tolerance Information

**Exhibitor Setup:** 10:00 AM to 4:30 PM

### Fastener Manufacturing Seminar

Presented by *Fastener Technology International*, www.fastenertech.com  
1:00 PM to 5:00 PM

- Fastener Facts & Manufacturing Fundamentals
- Cold Forming & Thread Rolling Machinery
- Tooling & Process Simulation

### Advanced Print Reading Seminar

Presented by the *Fastener Training Institute™*  
www.fastenertraining.org  
1:00 PM to 4:00 PM

- Learn to read and understand details of fastener prints and dimensional specifications.
- Learn how to explain the technical details to your customers.
- Learn how to spot the unnecessary but expensive features.

### Reception: A Taste Of Rosemont

Presented by the *Rosemont Convention Bureau*, www.rosemont.com  
5:00 PM to 6:30 PM

- Local restaurants provide complimentary food for all exhibitor and seminar personnel.

**Tuesday, June 9, 2009**

**Exhibitor Setup:** 8:00 AM to 11:30 AM

### Heat Treating Grade 5, 8 and High-Strength Steel Fasteners Seminar

Presented by *ASM Heat Treating Society (HTS)*  
hts.asminternational.org  
8:30 AM to 12:30 PM

- Fundamentals of Heat Treating Steel
- Important Issues in Heat Treating Steel Fasteners
- Hydrogen Embrittlement of Fasteners

**Exhibits Open:** 1:00 PM - 5:00 PM

### Metal Finishing Seminar

Presented by *Chicago Metal Finishers Institute (CMFI)*  
www.chicagometalfinishers.com  
1:30 PM to 4:30 PM

- Recent Global Regulatory developments for coatings
- Coatings challenges for defense, aerospace & commercial fasteners
  - Emerging trends in coatings for fasteners
- Expectations of the Automotive Industry for fastener finishes

### Interpretation of Fastener Structures and Imperfections Seminar

Presented by *ASM Heat Treating Society (HTS)*  
hts.asminternational.org  
1:30 PM to 4:30 PM

Metallographic examination of fasteners is a very important part of in-process and final quality control. In order to be able to evaluate metallographic samples, technicians and engineers have to understand microstructures, including

- How to interpret microstructures of various fastener materials and relate these structures to heat treatment, manufacturing processes and mechanical properties.
- Metallurgical imperfections such as decarburization, alloy depletion, laps, intergranular oxidation, cracks, are illustrated and discussed. Participants will receive an extensive notebook with images of structures and imperfections.

### All-Industry Reception

Presented by *Mid-West Fastener Association (MWFA)*, www.mwfa.net  
5:00 PM to 7:00 PM

- Complimentary food, beverage and networking for all attendees

**Wednesday, June 10, 2009**

### Fastener Quality Seminar

Presented by the *Industrial Fasteners Institute (IFI)*  
www.industrial-fasteners.org  
8:30 AM to 12:30 PM

- The importance and proper use of fasteners standards and verification of acceptability relative to ASTM, ASME, SAE and ISO standards.
- Inch and metric thread technology and quality in terms of standards and inspection for acceptance.
- Why TS16949 is replacing ISO 9000 when seeking optimum quality at the lowest possible cost.
- How to electronically determine and monitor fastener torque-tension performance.

**Exhibits Open:** 10:00 AM - 3:00 PM

**Exhibitor Move-Out:** 3:00 PM to 7:00 PM

Content, times and dates are subject to change, and additional programs may be announced.

Leading fastener industry publications and associations are participating in **FASTENER TECH™**:



www.fastenertech.com



Mid-West Fastener Association (MWFA), www.mwfa.net