

Call for Abstracts

Deadline for Submissions: September 28, 2006

Manufacturing professionals from around the globe attend the Lean Manufacturing, Reliability World and Lubrication Excellence Conferences to benchmark best practices, see and learn about the latest technologies, and make new contacts. Noria is continually seeking speakers with interesting case studies, personal expertise and new ideas to contribute to these programs.

Speaking at Noria Events Provides a Number of Company and Individual Benefits:

- Build your company's name recognition and image.
- Convey to attendees that your company is a leader in the field; attendees will cite your company in examples when discussing issues with peers.
- Establish yourself as an expert in whatever subject you are talking about.
- By appearing in conference promotional brochures, you and your company will gain increased status and credibility within the industry.
- Get advice and information from other attendees and speakers.
- Present new ideas and get immediate audience feedback.
- Benchmark what you're doing against peers and competitors.
- Speaking is a proven recruiting tool – great presentations attract potential employees and partners.

Topics

The following list identifies some general and specific content sought for the conference sessions in Louisville. However, the list should not be limiting with respect to the variety of abstracts submitted for consideration. All paper ideas are welcome.

Lean Manufacturing Conference

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| Basics of lean manufacturing | Incorporating visual systems on the plant floor |
| Incorporating lean elements into maintenance and reliability | Toyota Production System (TPS) |
| Lean program start-up | Kaizen and the creation of a problem-solving culture |
| Sustaining a lean operation / program | Six Sigma |
| Value stream mapping of maintenance and production processes | 5-S |
| Creating a Continuous Improvement culture | Poka-yoke error-proofing |
| Targeting and eliminating muda | Total Productive Maintenance / operator-involved maintenance |
| Addressing the "seven deadly wastes" | Technology as an enabler of lean |
| Application of lean concepts to inventory and storeroom management | Safety's role in a lean initiative |
| Applying lean to key suppliers and to the global supply chain | Heijunka and workload/schedule leveling |
| Performing lean assessments | Effective planning and scheduling |
| Incorporating visual systems into the maintenance organization | Total Quality Management and quality circles |
| | Kanban |
| | Genchi genbutsu |

Submission Requirements

In general, abstracts should be limited to 250-350 words unless greater detail will help the program committee make a decision. Abstracts must include:

- A clear and descriptive title
- A summary of the major points and conclusions with supporting facts
- What the audience will learn and/or the problems addressed
- What is new about the information or application presented

Any individual or company may submit abstracts for program committee consideration. The deadline for submissions is September 28, 2006.

The program committee will use the following criteria when selecting presentations for the conferences:

- The committee gives preference to end-user-delivered case studies and/or shared vendor/user presentations.
- Papers demonstrating specific applications, successes and/or failures are favored.
- Papers that have not previously been published or presented are preferred.
- The information presented must be technically correct and have broad appeal with respect to the intended conference audience.
- Papers may include generic references to products and services but must be non-commercial in tone and content – no trade names or company names permitted.
- All abstracts/papers must be submitted in English.

All accepted speakers will receive detailed instructions and a template for formatting papers for the printed and CD-ROM Proceedings. All papers included in the Proceedings will be copyrighted by Noria Corporation.

Please submit abstracts to awegener@noria.com, fax to 918-746-0925, or mail to: 1328 E. 43rd Court, Tulsa, OK 74105.



May 15-17, 2007 • Kentucky International Convention Center • Louisville, KY

Reliability World Conference

Condition Monitoring:

Maintaining metal brushes in generators
 Basics of vibration data collection
 Basics of vibration spectrum analysis
 Basics of thermographic / thermometric analysis
 Basics of ultrasonic acoustic emission analysis
 Basics of electric motor greasing
 Basics of balancing
 Basics of resonance
 Thermography / Infrared
 Predictive Maintenance
 Pulse shock testing
 Alarms and limits
 Condition based lubrication

Reliability Engineering:

Basics of plant maintenance and reliability
 Lubrications role in TPM
 Can PdM be managed in a CMMS
 Preventing electrical discharge in electric motors
 Dynamic routing
 Compressor maintenance
 Basics of reliability engineering methods
 Basics of reliability centered maintenance
 Basics of root cause analysis
 Basics of operator-based maintenance
 Basics of design for maintainability
 Basic of design for reliability
 Failure analysis
 How to set up a reliability program
 Improving overall equipment effectiveness (OEE)
 Reliability centered maintenance (RCM)
 Pumps
 High velocity flushing
 Cleaning and flushing tanks
 Energy savings

Reliability Management:

Operator induced errors
 The effects of shift work on reliability
 Basics of TPM
 Basics of Planning and Scheduling
 Basics of MRO inventory management
 Basics of finance for the reliability professional
 Basics of reliability and maintenance metrics
 Steps to improve maintenance and reliability programs
 Skills of the maintenance and reliability professional
 Computerized maintenance management systems (CMMS)
 Selling reliability to management
 Selecting the right key performance indicators (KPI)
 Asset evaluation
 ROI of maintenance programs

Lubrication Excellence Conference

Contamination Control:

Filter selection
 Fasteners
 Proper filter sizing for offline filtration
 Sludge and varnish
 Gear box preservation
 Protecting against contamination in rebuilt equipment
 The impact of equipment modifications
 Controlling contamination in refillable and reusable containers
 Automatic / online sensors
 How to select shaft seals
 Basics of contamination control
 Basic lubrication servicing of plant equipment
 Water contamination
 Selection and use of portable filter carts
 Oil cleanliness / purification
 Electrostatic filters
 Foaming of oils

Lubricants and Lubrication:

Proper lubricant selection
 Selecting thickeners and greases
 Greasing slow moving bearings
 Problems with over-greasing
 Proper use of single-point lubricators
 Storage and handling
 Mist systems
 Mist extraction technology
 Automatic greasing systems
 Lubricant identification systems
 Food grade lubricants
 Additive reconstruction of oils
 Mobile equipment lubrication
 The important role of lubrication standards
 Base oils and synthetics
 Understanding synthetic lubricants
 Does lubrication belong in a CMMS
 Lubrication best practices
 Oil consumption reduction techniques
 Chemistry of oils
 Oil rooms

Oil Analysis:

Basics of oil sampling
 Reading oil analysis reports
 Sight glass oil analysis
 Automated particle counting
 How to conduct a field patch test
 Proper field patch preparation
 Basics of oil analysis
 Oil analysis equipment, technology and software
 Fluid analysis reliability
 Comparing oil analysis labs
 Understanding oil test results

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