

COMADEM™



The Society of Plant Engineers Japan

23rd International Congress on
Condition Monitoring and Diagnostic Engineering Management

COMADEM 2010

Advances in Maintenance and Condition Diagnosis Technologies towards Sustainable Society

Nara Prefectural New Public Hall (<http://www.shinkokaido.jp/>)

June 28–July 2, 2010, NARA, JAPAN (including Industrial Tours)

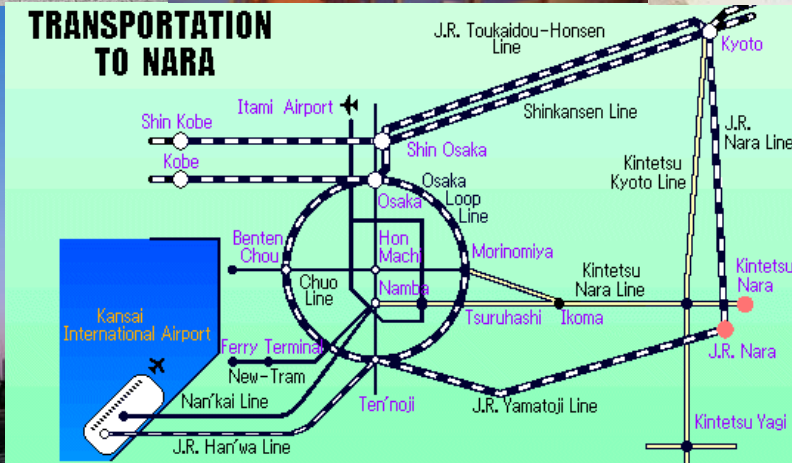
Call for Papers



Nara Prefectural New Public Hall



Nara Prefectural New Public Hall



<http://www.comadem2010.jp/>

Nara is recognized by UNESCO as World Heritage Sites: Buddhist Monuments in the Horyu-ji Area, and Historic Monuments of Ancient Nara.

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COMADEM conferences will introduce the latest trends in technologies and strategies for increasing the competitiveness of the industry. COMADEM Congresses and Exhibitions are the ideal place to find out how to implement the latest tools and techniques in the multidisciplinary fields of performance monitoring, health management, failure diagnosis, prognosis, etc. You will have ample opportunities to raise issues with many learned and experienced speakers representing both the industrial and university sectors.

Topics for Submission

The major topics to be addressed at COMADEM 2010 include, but are not limited to the following areas:

- Condition Diagnosis Engineering and Technology
- Condition Monitoring and Diagnosis
- Maintenance Engineering and Management
- Self-Maintenance
- Plant Business
- Fault Self-Recovery Engineering
- Plant Design and Manufacturing Techniques
- E-Maintenance
- Risk, Health and Safety Management
- Cost-Effective Strategies
- Economic and Environmental Analysis Tools
- Information and Communication Technology
- Data and Information Fusion
- Innovative and Intelligent Manufacturing
- Standardization and Certification
- Performance Optimization and Control
- TPM/RCM/TQM/OR Applications
- Intelligent based Diagnosis and Prognosis of Machineries/Processes
- Advanced Signal Processing Technology
- Innovative Trends in Condition Monitoring
- Diagnosis and Prognosis Technology
- Tribology
- Sensor Technology
- Smart Sensors
- Condition Based Maintenance
- Fault Tolerant System
- Lubrication Excellence
- Wireless Technologies
- Intelligent Signal Processing
- Structural Health Monitoring
- Prognosis
- Dynamic Decision Support
- Proactive Strategies
- Reliability/Quality
- Machine Vision and Robotics
- Data Quality and Acquisition
- Human Factors
- Education and Training
- Intelligent based Manufacturing
- Industrial Case Studies
- Risk Based Engineering

Abstracts Submission

Please submit single spaced abstracts of up to 200 words to the Secretariat. The abstract should be in an MS Word file and sent via e-mail as an attachment. Abstracts will be subject to peer review and, if approved, invited for presentation as regular papers (4–8 pages) or short papers (2–4 pages). Regular papers will be under further peer review prior to the final submission.

Congress Proceedings

The Proceedings will be published bearing an ISBN and distributed worldwide. Only papers presented by the authors at congress will be included in the Proceedings. One copy of the Proceedings will be provided to each conference delegate. Selected regular papers will be published in the International Journal of COMADEM after the event, which will be cited by EI Compendex and SCOPUS. Only papers written in GOOD ENGLISH will be accepted in the Proceedings.

Exhibition and Visiting

Exhibition and poster sessions linked to the Congress theme form an integral part of the Congress program, where major suppliers of sensors, equipment, evaluation software, and services can present products and services to participants from industrial and engineering companies, laboratories, research institutes, and universities. Participants have a chance to visit some corporations related to COMADEM in Japan.

Workshops and Tutorials

Workshops and tutorials are welcome. Workshops should focus on current research trends of specific technologies or applications. Tutorials should reflect the current state-of-the-art of a specific topic and be presented by field experts. Please contact the organization as soon as possible.

Important Dates for Regular Papers

Abstract submission	October 4, 2009
	Extended to October 23, 2009
Notification of abstract acceptance	October 30, 2009
Full paper submission	December 18, 2009
Notification of acceptance	March 31, 2010

Important Dates for Short Papers

Abstract submission	December 18, 2009
Notification of abstract acceptance	January 29, 2010
Camera ready manuscript	May 3, 2010

Sponsor and Organizer: The Society of Plant Engineers Japan

Technical Co-sponsors: Atomic Energy Society of Japan

China Association of Plant Engineering

Japan Institute of Plant Maintenance, Japan Society of Maintenance

Japan Society of Mechanical Engineers, Japanese Society of Tribologists

COMADEM 2010 Secretariat:

Tel. +81-(0)749-28-8395, Fax. +81-(0)749-28-8496, E-mail: info@comadem2010.jp