



## Special Session: e-Maintenance – the road to success and sustainability for modern industry

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Supported by:



**Intelligent Manufacturing Systems  
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### Session Scope

Current advances in Maintenance and Engineering Asset Management increasingly highlight the key role played by e-Maintenance. Internetworking and web-based software solutions, wireless communications and protocols, as well as wireless-enabled devices are among the key contributors. The integration of such technologies enables the design and delivery of a new generation of tools, exploiting automated tagging, electronic documentation, remote sensing & condition monitoring (novelty detection, diagnostics, prognostics), mobile maintenance management and e-training. The combination of such technologies and tools, alongside with the usage of integrated and interoperable data models can lead to the adoption and implementation of Integrated e-Maintenance solutions, achieving both data and services integration. This level of integration becomes even more important for modern industry in its pursuit for sustainable and energy efficient manufacturing. The session will explore recent trends in all the above areas, highlighting the contribution of e-maintenance technologies to sustainability and invites relevant contributions by Industry and Academia.

### Submissions

For details please consult: [http://www.comadem2011.org/?page\\_id=108](http://www.comadem2011.org/?page_id=108)

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| <b>Abstracts Submission</b>                | 15th October, 2010  |
| <b>Notification of Abstract Acceptance</b> | 1st November, 2010  |
| <b>Papers Submission</b>                   | 15th December, 2010 |
| <b>Notification of Acceptance</b>          | 31st January, 2011  |
| <b>Camera Ready Manuscript</b>             | 28th February, 2011 |

Please contact the session organisers for any queries