

Topics

- **eMaintenance**
Decision support
- **eMaintenance**
Concepts and frameworks
- **eMaintenance**
Data and service fusion
- **eMaintenance**
Data quality
- **eMaintenance**
Diagnosis and prognosis
- **eMaintenance**
Information logistics
- **eMaintenance**
Solutions for Performance Based Logistic (PBL)
- **eMaintenance**
Solutions for Integrated Logistics Support (ILS)
- **eMaintenance**
Data warehousing and data mining
- **eMaintenance**
Embedded system technologies
- **eMaintenance**
Solutions for estimation of Remaining Useful Life (RUL)
- **eMaintenance**
Enterprise Resource Planning (ERP)
- **eMaintenance**
Support to Operation Performance Monitoring (OPM)
- **eMaintenance**
Support to Life Cycle Management (LCM)
- **eMaintenance**
Integration with Prognostic Health Management (PHM)
- **eMaintenance**
Maintenance optimization

Important Dates/Deadlines

Submission of abstract
20 June 2012

Notification of Abstract Acceptance
1 July 2012

Paper Submission
1 September

Notification of Paper Acceptance
15 October

Camera Ready Manuscript
15 November

Early Birds Registration
15 October - 1 November

Organised by:

Division of Operation and Maintenance Engineering,
Process IT Innovations

Organizers:

Prof. Uday Kumar, General chair
Dr. Ramin Karim, Scientific chair
Dr. Aditya Parida, International chair
Mr. Anders Oe Johansson, Local chair
Dr Alireza Ahmadi, Programme chair

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 The northernmost University of Technology in Scandinavia
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Invitation

The 2nd international workshop
and congress on eMaintenance

eMaintenance

**Trends in technologies & methodologies
challenges, possibilities, and applications**



2012 Dec 12-14
Luleå
Sweden





Welcome to Luleå

Welcome to Sweden, Scandinavia's northernmost university of technology and the first International Congress on eMaintenance. In addition to an interesting workshop, technical programme and events, delegates will be able to enjoy some of the fascinating attractions of Swedish Lapland, including the Midnight Sun, the Luleå archipelago and the Arctic Circle. You will experience the unique and beautiful white wilderness of Luleå, besides celebrating Santa Lucia day.

eMaintenance

eMaintenance is being exploited in many industrial domains, e.g. transport, energy, manufacturing and process. One of the main objectives with eMaintenance is to align the maintenance process with the business and operational processes to achieve organisational objectives. eMaintenance is realised in proper information logistics by enhanced utilisation of Information & Communication Technology (ICT). eMaintenance also supports different interconnected levels in an organisation by provision of an effective and efficient infrastructure for decision-making. The benefits of eMaintenance are reflected in organisations' overall performance and effectiveness.

Welcome!
Uday Kumar, Ramin Karim and Aditya Parida.

Programme at a Glance

December 12, 2012 - Workshop

Parallel workshops in the area of aviation, railway, process industry, and ICT.

December 13, 2012 - Congress Day I

Plenary session & Presentation of the scientific papers

December 14, 2012 - Congress Day II

Plenary session & Presentation of the scientific papers

December 12, 2012 - Workshop

TIME	ROOM	ACT
08.00-09.00	TBD	Registration
WORKSHOP SESSIONS - PART I		
09.30-12.30	TBD	Workshop I-IV
12.30-13.30	TBD	Lunch Exhibition
WORKSHOP SESSIONS - PART II		
13.30-15.30	TBD	Workshop I-IV
15.30-16.00		Coffee break Exhibition
SOCIAL ACTIVITIES		
18.30---		TBD

December 13, 2012 - Congress Day 1

TIME	ROOM	ACT
08.00-09.00	TBD	Registration
PLENARY SESSION		
09.00-09.30	TBD	Opening
09.30-11.00	TBD	Keynote
TECHNICAL SESSION		
11.00-12.20		Parallel Session I Parallel Session II
12.20-13.20	TBD	Lunch Exhibition
TECHNICAL SESSION		
13.20-15.00		Parallel Session III Parallel Session IV
15.00-15.30		Coffee break Exhibition
TECHNICAL SESSION		
15.30-16.50		Parallel Session V Parallel Session VI
SOCIAL ACTIVITIES AND CONGRESS BANQUETTE		
17.30-19.00		Sightseeing tour in Luleå
19.30		Congress banquette Etc.

December 14, 2012 - Congress Day 2

PLENARY SESSION		
09.00-09.30	TBD	Keynote
TECHNICAL SESSION		
09.40-11.40		Parallel Session I Parallel Session II
11.40-12.40	TBD	Lunch
EXHIBITION & TECHNICAL SESSION		
12.40-15.00		Parallel Session III Parallel Session IV
15.00-15.30		Coffee break Exhibition