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New IFAC Working Group on “Advanced Maintenance Engineering, Services and Technology” (A-MEST)

Special Sessions developed during IFAC-IMS'08 Workshop

The new IFAC Working Group on “Advanced Maintenance Engineering, Services and Technology” sponsored by IFAC TC4.4. and TC5.1. is now active !!!!

Special sessions on “Advanced Maintenance Engineering, Services and Technology” will be held as part of the 9th IFAC Workshop on Intelligent Manufacturing Systems – Szczecin, Poland, 9-10 October 2008.
(please visit the official workshop site <http://www.ims08.ps.pl/>)

The workshop will be the formal occasion for the official kick-off meeting of the WG. In that way, the WG invite authors to contribute to its first activities by submitting papers for presentation in the invited sessions dedicated to maintenance domain. Topics of interest are those underlined by the WG proposition document:

- Maintenance strategies, organizational and economical methods, business models
- Asset and maintenance management
- Maintenance related services
- E-maintenance technology and processes
- Diagnostics, prognostics, reasoning and decision support
- Condition monitoring, sensors, signal analysis and failure analysis
- Reliability, statistical approaches
- Lifecycle and sustainability issues

Papers offering novel research contributions in any aspect of previous topics are solicited. The primary focus is on high-quality original unpublished research, case studies, and implementation experiences. Theoretical papers must make convincing argument for the practical significance of the results.

These sessions are also a perfect occasion to take contact with the person in charge of the WG and to bring also together researchers, experts from both industrial and researches institutes covering all the different maintenance disciplines with the goal of fostering interactions within the WG. Indeed the concepts, issues, trends on maintenance exchanged during this event could be serving as scientific material for WG evolution. Thus authors have the opportunity to take part actively to the scientific establishment of the WG (during the official kick-off meeting).

SUBMISSION OF PAPERS

All the submissions must be electronic, using the submission web site (<http://zwispp.wi.ps.pl/openconf>) accessible from the official Workshop site. Submissions must be sent as camera-ready, PDF papers (Size <2MB), formatted according to the IFAC style guides/templates and not exceeding 6 pages. The reviewing process will be supported both by the WG and the IMS IPC. Papers duly presented at the IFAC Workshops will be hosted on-line on the **IFAC-PapersOnline.net** website. The presented papers will be further screened for possible publication in the IFAC Journals or in IFAC affiliated journals. All papers presented will be recorded as an IFAC Publication.

When you submit the paper, you need to select the special technical area “Advanced Maintenance Engineering, Services and Technology” for indicating your paper as potential contribution to the WG special sessions.

DATES

Draft papers submission deadline: **01.05.08**

Notification of Acceptance: **15.6.08**

Early registration deadline: **01.07.2008**

Final Paper submission deadline: **15.7.2008**

IMS'08: **9-10.10.2008**

Pr. Carlos Perreira
TC 5.1. Chair
IMS'08 Chair

Pr. Wei Wang
TC 4.4. Chair

Pr. Z. Banaszak
IMS'08 Vice Chair

Benoit lung
WG Chair