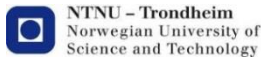


# IWAMA 2014

## The 4<sup>th</sup> International Workshop of Advanced Manufacturing and Automation

27 – 28 October 2014

Shanghai University, Shanghai, China



## First Announcement and Call for Papers

**IWAMA – International Workshop of Advanced Manufacturing and Automation** – has since 2010 been a joint seminar between SFI Norman (SINTEF and NTNU) and Shanghai Key Laboratory of Manufacturing Automation and Robotics (Shanghai University). It has now expanded to an important international workshop for academic and industrial experts in the fields of advanced manufacturing and automation and will be organized as an annual event worldwide, with the University of Manchester, Tongji University, University of Stavanger, Shanghai Second Polytechnic University, Shanghai Jiao Tong University, China University of Mining Technology, Shandong Agriculture University and Xiamen University of Technology joining in as co-organizers.

Manufacturing and automation has assumed paramount importance and are vital factors for the maintenance and improvement of the economy of a nation and the quality of life. The field of manufacturing and automation is advancing at a rapid pace and new technologies are also emerging in the field. The challenges faced by today's engineers are forcing them to keep on top of the emerging trends through continuous research and development.

**IWAMA** aims at providing a common platform for academics, researchers, practicing professionals and experts from industries to interact and discuss trends and advances in some areas of manufacturing and automation while sharing ideas and perspectives.

### Workshop topics

These are the main topics of IWAMA2014, but the topics are not limited to these:

- Robotics and Automation
- Computational Intelligence
- Design and Optimization
- Product Life-cycle Management
- Integration of CAD/CAPP/CAM/CIMS
- Advanced Manufacturing Systems,
- Manufacturing Operations Management
- Knowledge-based Manufacturing
- Manufacturing Quality Control and Management
- Sustainable Production
- Diagnosis and Prognosis of Machines
- Intelligent Manufacturing Systems
- Lean and Agile Manufacturing
- Virtual and Grid Manufacturing
- Resource and Asset Management
- Logistics and Supply Chain Management
- RFID Applications
- Predictive Maintenance
- Reliability and Maintainability in Manufacturing
- Project Management
- Renewable Energy Development
- Environment Protection
- Intelligent Detection
- Reliability of Bearing and Spindle

### Submission of papers

Authors are invited to submit their papers presenting the results of original research or innovative practical applications relevant to the workshop. The papers should be a maximum of 8 single-spaced pages, in English. The presentation at the workshop should not exceed 20 minutes. Please see our website, [www.sfinorman.no](http://www.sfinorman.no), for further author instructions. Papers can be submitted to Jing Li ([ianbest@shu.edu.cn](mailto:ianbest@shu.edu.cn)) or Prof. Kesheng Wang ([kesheng.wang@ntnu.no](mailto:kesheng.wang@ntnu.no)).

Each paper will be peer-reviewed by two experts and all accepted papers will be published in *Advanced Material Research*, (ISSN 1022-6680/1662-8985), published by Trans Tech Publications Inc, which is indexed by EI Compindex, ISTP and is available in full text online at [www.scientific.net](http://www.scientific.net). Selected papers will be considered for publication in an expanded form in relevant international journals, such as *Advances in Manufacturing*, *Journal of Intelligent Manufacturing*, *Application of Expert systems* indexed by EI or SCI.

### Registration and fees

- Regular registration fee: €300 (2000RMB for Chinese)
- Student registration fee: €200 (1000RMB for Chinese)
- Early registration fee: €250
- Banquette for accompanying persons: €40

**Visas** – If requested, our workshop secretariat will provide an invitation letter to the participants to present together with the visa request at the appropriate Chinese embassy to make the visa procedure simpler and faster

**Venue** – The workshop will take place in the School Guesthouse (Lehu Building, 149 Yanchang Road, Shanghai, China), situated on the campus of Shanghai University, not far from the city center.

### All registration fees include:

- Admission to all sessions
- Workshop proceedings
- Workshop kit
- Refreshment in coffee breaks
- Lunches and banquette

### Accommodation & travel information

Attendees are advised to stay in the school's 3 stars guest hotel (Lehu Building)

Visitors arrive at Shanghai Pu Dong airport and may take a taxi to the campus of Shanghai University.

Shanghai is in the temperate zone; weather in September is fine. Daily temperature is about 20-25 °C.

### Important dates

First announcement	27.11 2013	Early registration deadline	15.07 2014
Paper submission deadline	01.05 2014	Preliminary program	15.10 2014
Acceptance notification	01.06 2014	Registration at site	27.10 2014
Final camera ready paper submission	15.06 2014		

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