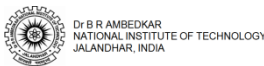
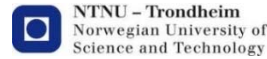


IWAMA 2016

6th International Workshop of Advanced Manufacturing and Automation

10 – 11 November 2016

University of Manchester, UK



First Announcement and Call for Papers

IWAMA – International Workshop of Advanced Manufacturing and Automation – is 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.,

Manufacturing and automation have 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 IWAMA2016, but the topics are not limited to these. Authors should select 2-3 topics when they submit their papers.

- | | |
|---|--|
| 1. Robotics and Automation | 13. Lean and Agile Manufacturing |
| 2. Computational Intelligence | 14. Virtual and Grid Manufacturing |
| 3. Design and Optimization | 15. Resource and Asset Management |
| 4. Product Life-cycle Management | 16. Logistics and Supply Chain Management |
| 5. Integration of CAD/CAPP/CAM/CIMS | 17. Fashion Logistics and Marketing |
| 6. Advanced Manufacturing Systems, | 18. RFID Applications |
| 7. Manufacturing Operations Management | 19. Predictive Maintenance |
| 8. Knowledge-based Manufacturing | 20. Reliability and Maintainability in Manufacturing |
| 9. Manufacturing Quality Control and Management | 21. Project Management |
| 10. Sustainable Production | 22. Renewable Energy Development |
| 11. Diagnosis and Prognosis of Machines | 23. Environment Protection |
| 12. Industry 4.0 | 24. Intelligent Inspection |

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 min. 4 and max. 8 pages. Sheets over 8 will be charged additionally. The paper should be written in English according to the paper template, which can be downloaded from IWAMA website (<https://www.ntnu.no/smartlog/IWAMA2016>)

The presentation at the workshop should not exceed 15 minutes. Full papers can be submitted to Yi Wang (yi.wang-2@manchester.ac.uk) or Kesheng Wang (kesheng.wang@ntnu.no). We also make a poster session.

Each paper will be peer-reviewed by two experts and all accepted papers will be published in on-line proceedings by **Atlantis press**, which will be sent to EI Compendex, and is available in full text online. 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* or others indexed by EI or SCI.

Registration and fees

- Regular registration: £350
- Audience registration: £125
- Additional paper: £250
- Additional sheet: £50
- Poster paper: £150

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

Venue – The workshop will take place in the University of Manchester, Oxford Rd, Manchester M13 9PL UK .

Regular and audience registration fees include:

- Admission to all sessions
- Workshop kit
- Refreshment in coffee breaks
- Lunches and conference dinners

** Regular and poster papers are included in the Proceedings.*

Accommodation & travel information

Attendees are advised to stay in the hotel proposed later on.

Visitors arrive at Manchester Airport and may take a taxi/train to the hotel and the campus of University of Manchester.

Daily temperature in November in Manchester is about 10 °C.

Important Dates

First announcement	20.12 2015
Paper submission deadline	30.05 2016
Acceptance notification	30.06 2016
Final camera ready paper submission	15.07 2016

Registration deadline	01.08 2016
Preliminary program	15.10 2016
Registration at site	10.11.2016

Honorary Chair:

Minglun Fang and Kesheng Wang

General Chairs:

Yi Wang, Tao Yu and Jan Ola Strandhagen

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Asbjørn Rolstadås, Norway
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Vishal S. Sharma, India

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Yi Wang (Chair), Chris Parker, Eleanor Trimble, Cynancia Raras, Mardziah Kamal, Feiran Qing, Shangshang Li, Alice Lu.

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