

CALL FOR PAPERS

A Joint Conference of:

4th Asia-Pacific Conference on Manufacturing Systems **3rd International Manufacturing Engineering Conference**

December 7 – 8, 2017

Eastparc Hotel, Yogyakarta, INDONESIA

Overview

The Joint Conference will be hosted by Bandung Institute of Technology (ITB). It will be the 2nd collaboration with Universiti Malaysia Pahang (UMP) to provide an international assembly for researchers in Industrial and Manufacturing Engineering fields to review and discuss the latest research results and innovations, as well as developments in manufacturing technology.

Venue

The conference will be held in Yogyakarta (often called "Jogja"), the special region located on the central area of Java Island, which is known as one of the center of home and creative industry concentrating in silver and batik fabric. Jogja is also rich of classical Javanese fine art and culture such as batik, drama, music, traditional dance, and puppet shows.

Key Conference Dates

December 7th (morning), Registration

December 7 – 8, Technical sessions

December 7th (evening), Banquet

Organizers

| | |
|---------------------------------------|----------------|
| Dr. Mohammad Mi`radj Isnaini, | ITB (Chair) |
| Professor Abdul Hakim Halim, | ITB (Co-Chair) |
| Professor Dradjad Irianto, | ITB (Co-Chair) |
| Assoc. Professor Ahmad Razlan Yusoff, | UMP (Co-Chair) |
| Dr. Muhammed Nafis Osman Zahid, | UMP (Co-Chair) |

Submission Deadlines

| | |
|-----------------------------------|-------------------------------------|
| June 5 th , 2017 | Abstract Submission |
| July 19 th , 2017 | Notification of Abstract Acceptance |
| August 14 th , 2017 | Full Paper Submission |
| September 11 th , 2017 | Notification of Paper Acceptance |
| October 16 th , 2017 | Camera-ready paper |

All papers will go through peer-review process and be published in Scopus-indexed proceeding.

Contact: Email: apcoms@itb.ac.id or Phone: (+62) 22-2506449



More information at:

<http://apcoms.fti.itb.ac.id>



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Topics (not exclusive):

Manufacturing Systems

- Product Design and Development (Design for manufacturability and assembly etc.)
- Production Planning and Control Systems
- Design of Manufacturing Systems (Facilities Planning and Management, Lean Manufacturing etc.)
- Quality Engineering and Management
- Reliability and Maintenance
- Green and Sustainable Manufacturing
- Information Systems and Technology
- Inventory System
- Production Networks
- Logistics and Supply Chain Management
- Data Mining and Knowledge Management
- Technology Management
- System Modeling, Optimization & Simulation
- Trends in Manufacturing System

Material

- Smart Materials
- Magnetic Materials
- Advanced Materials
- Composites
- Nano Materials
- Non-Ferrous Alloys
- Light Metals
- Ferrous Materials
- Thin Films
- Advanced Ceramics
- Functionally Graded Materials
- Bio Materials

Manufacturing Processes

- Solidification Processing
- Semi-solid Processing
- Metal Forming
- Polymer Processing
- Composites Processing
- Powder Metallurgy
- Rapid Prototyping
- Conventional and Advanced Machining
- Tool and Die Design
- Welding and Joining
- Laser Processing
- Surface Modification and Finishing
- Semiconductor Processing

Manufacturing Automation

- CIM/CAD/CAM/CAE/CAPP
- Flexible Manufacturing System
- Robotics & Robot Application
- Industrial & Robotics Vision
- Autonomous Mobile Robots
- Intelligent Transportation
- Factory Communications
- Industrial Automation
- Microcontrollers/PLC's
- Sensing and Control Systems
- Intelligent Sensors and Actuators
- Multi-sensor Fusion
- Micro/nano Technology
- Industrial Antennas and Electromagnetic Devices
- MEMS and System Integration

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