

ICMDE2020

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The 2020 6th International Conference on Mechanical Design and Engineering (ICMDE 2020) will be held in Sanya, China during February 16 -18, 2020. The aim of ICMDE 2020 is to present the latest research and results of scientists related to Mechanical Design and Engineering topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

Topics

Industrial Design

- CAD/CAM/CAE
- Computer-Aided Industrial Design
- Virtual Design and Design Visualization
- Production planning and control
- Facilities Planning and Logistics System Application
- Intelligent Design
- Applications of AI Techniques in Design and Manufacturing
- Car Design
- Usability Design
- Automobile structure
- Transportation Systems
- Design for Environment
- Design for Manufacturing and Assembly
- Digital Human Technique and Its Applications
- Man-Machine Interface Design
- Design and Manufacturing
- Machine Applied
- Mechanical Design and Application
- Human-Machine Engineering
- Kansei Engineering
- Concurrent Engineering

Advanced Manufacturing Technology

- Cutting and grinding
- Non-conventional machining
- High-speed machining
- High-energy beam processing
- Numerical control technology
- Green manufacturing

Mechanics

- Nonlinear Dynamics
- Solid Mechanics
- Plasticity Mechanics
- System Dynamics and Simulation

Other topics

- Pollution and Environmental
- Production Technology
- Quality assurance and environment protection
- Resistance and Propulsion
- Oil and Gas Exploration
- Textile and Leather Technology
- Transport Phenomena
- Ballistics
- laser technology
- micro electronics technology
- Neural network
- Genetic algorithm
- objective optimization
- Fault diagnosis



Engineering and Automation

- Mechanical Engineering
- Manufacturing Engineering
- Non-Traditional Manufacturing
- Aerospace Engineering
- Aerospace Systems and Technology
- Thermal Engineering
- Industrial Engineering
- Mechanical Engineering Testing
- Machinery Manufacturing Technology
- Mechanical transmission control
- Automation and Robotics
- Electric drive control
- Process Control and Automation
- Programmable Controller Applications in Engineering
- FMS/CIMS
- Micro-Machining
- Nano- Technology
- Agile & Lean Manufacturing
- Advanced Metal Forming, Welding & Casting techniques
- MEMS/ NEMS
- Structural Dynamics
- Turbo Machines and Fluid Power Engineering
- Renewable and Non conventional Energy Sources, Energy Systems
- Case Studies
- Electrical insulation technology

Submission:

• Online submission system:
<http://confsys.icconf.org/submit/2020>

• Full Paper Format Download:
<http://www.icmde.org/Template-Fullpaper.docx>

• Abstract Format Download:
<http://www.icmde.org/Abstract-Template.doc>

Important Dates :

- Submission Deadline: December 15th, 2019
- Notification Date: January 05st, 2020
- Registration Date: January 20th, 2020
- Conference Dates: February 16-18 2020

Proceedings

Accepted papers of ICMDE2020 will be recommended to published in Special Issue of International Journal of Mechanical Engineering and Robotics Research (IJMERR), which will be Indexed by Scopus (since 2016), Corpernicus, ProQuest, UDL, Google Scholar, Open J-Gate, etc.

Committees

Conference Chairs

Prof. Renfu Li, Huazhong University of Science and Technology, China
Prof. John Mo, Royal Melbourne Institute of Technology, Australia

Technical Program Chairs

Prof. Petr Valáek, Czech University of Life Science Prague, Czech Republic
Prof. Guiping Lin, Beihang University, China

Venue

Name: Harman Hotel Sanya

Website: <http://harmanhotelsanya.com/>

Address: No.136 Yuya Road,Dadonghai Bay,
Sanya, Hainan, China



History

ICMDE 2019, March 16-19, 2019, Osaka, Japan;
ICMDE 2018, March 16-18, 2018, Beijing, China;
ICMDE 2017, January 20-22, Hong Kong;
ICMDE 2016, January 22-24, Torino, Italy;
ICMDE 2015, January 6-7, Doha, Qatar .

Contact

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