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 Protection
- Production Technology
- Quality assurance and environment protection
- Resistance and Propulsion
- Oil and Gas Exploration
- Textile and Leather Technology
- Transport Phenomena
- Ballistics
- Laser technology
- microelectronics technology
- Neural networks
- 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

**Submission**
- Online submission system: http://confsys.icme.org/submission/icmde2020
- Full Paper Format Download: http://www.icmde.org/Template-Fullpaper.docx
- Abstract Format Download: http://www.icmde.org/Abstract-Template.docx

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

**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

**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.

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