



2017 ASRTU International Conference on Intelligent Manufacturing

2017 阿斯图中俄智能制造国际会议

15th-18th June 2017, Harbin, China

Call for Papers

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IMPORTANT DATES

- April 30, 2017: Abstract Submission
- May 10, 2017: Notification of accepted
- May 30, 2017: Confirmation of Registration
- Jun 15, 2017: Registration in Harbin
- Jun 15 to 18, 2017: Forum in Harbin

INTRODUCTION: ASRTU as a premier association between universities in China and Russian, have a great responsibility to promote cooperation within the framework of the alliance. According to alliance work plan 2017, "2017 ASRTU International Conference on Intelligent Manufacturing" is being organized from Jun 15th to Jun 18th 2017, in Harbin, China, intends to promote the academic exchange and technical cooperation between Russian and China, in the field of intelligent manufacturing.

OBJECTIVE: At present, with booming new technologies in manufacturing, far-reaching changes in the manufacturing industry are taking place. The emergence and development of the industrial accelerate the transformation of global industrial reconstruction and intelligence, and greatly stimulate productivity. Faced with challenges brought by the new round of technological and industrial revolution, "ASRTU-ICIM 2017" is conducted to provide an excellent forum for scientists, researchers, engineers and industrial practitioners to present and discuss the latest technology advancement as well as future directions and trends in Intelligent Manufacturing.

SCOPE: Authors are invited to submit full papers describing original research work, all the papers should be written in English.

All works are in areas including, but not limited to:

- Robotics
- Robotics and Manufacturing technology
- Robotic System Integration
- Collaborative Robotics in Smart Manufacturing;
- Robotics and Computer Integrated Manufacturing;
- Artificial Intelligence in Manufacturing;
- AI Algorithms
- Manufacturing Control and Automation Engineering
- Manufacturing Process and Technology;
- Manufacturing Ergonomics and Human Factors;
- Engineering Design Methods and Tools for Industry 4.0;
- Big Data Analytics in Manufacturing and Services;
- Smart Factories and Industrial Internet of Things;
- Modelling and Simulation;
- Predictive Maintenance and Manufacturing Systems Reliability
- CAD/CAE/CAM/PLM/CIM/DFX/MES;
- Sustainable Manufacturing Engineering and Resource-Efficient Production;
- Process Automation
- Adaptive Control
- Industrial Process Control
- Hydraulic and Pneumatic Transmission
- Mechatronics

ADDITIONAL INFORMATION:

- In order to encourage more Russian Ph.D. students to attend the Conference, we will cover the local expense for them. International travelling expense will be afforded by themselves.
- For the other participants (except Russian Ph.D. students), International travelling expense and Hotel costs will be afforded by themselves.
- Free registration fee.