



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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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. In order to enhance the exchange of young scientists from China and Russia, a special session of "Sino-Russian Ph.D students innovation forum on intelligent manufacturing" will be organized.

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, and there is no registration fee for any paper. 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:

- Travelling expense and hotel costs will be afforded by the participants.
- Free registration fee.

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