

2018 International Symposium of Computation Numerical Control Machining (CNCM 2018)

June 3-5, 2018

Northwestern Polytechnical University

Xi'an, China

<http://cncm2018.scievent.com/>



CONFERENCE CHAIR

Dinghua Zhang, Northwestern Polytechnical University

PUBLICATION CHAIR

Kai Tang, Hong Kong University of Science and Technology

PROGRAM CHAIRS

Baohai Wu, Northwestern Polytechnical University

Zhiyong Chang, Northwestern Polytechnical University

Ming Luo, Northwestern Polytechnical University

ADVISORY COMMITTEE CHAIRS

Chen-Han Lee, Huazhong University of Science and Technology

Kai Tang, Hong Kong University of Science and Technology

Yingguang Li, Nanjing University of Aeronautics and Astronautics

ADVISORY COMMITTEE

Yanlong Cao, Zhejiang University

Zezhong Chen, Concordia University

Zhitong Chen, Beihang University

Chih-Hsing Chu, National Tsing Hua University

His-Yung Feng, University of British Columbia

James Gao, University of Greenwich

Xiaoshan Gao, Chinese Academy of Sciences

Hu Gong, Tianjin University

Yung-Chou Kao, National Kaohsiung University of Applied Sciences

Yuan-shin Lee, North Carolina State University

Chen-Han Lee, Huazhong University of Sciences and Technology

Yingguang Li, Nanjing University of Aeronautics and Astronautics

Stanislav S. Makhanov, Thammasat University

Tao Ning, Beihang University

Weiming Shen, National Research Council, Canada

Yuwen Sun, Dalian University of Technology

Kai Tang, Hong Kong University of Science and Technology

Lihui Wang, KTH Royal Institute of Technology

Dinghua Zhang, Northwestern Polytechnical University

Shusheng Zhang, Northwestern Polytechnical University

Limin Zhu, Shanghai Jiao Tong University

Huicheng Zhou, Wuhan Zhuzhong Numerical Control Co., Ltd

INTRODUCTION

The International Symposium of Computation Numerical Control Machining (CNCM) is an annual event dedicated to gathering the people in the area of Computation NC Machining to share state of art developments in this field and stimulate new ideas.

In 2018, CNCM will be held in Northwestern Polytechnical University (NPU), Xi'an, China. NPU is among the top universities in China, and well known for the education and research programs in engineering, especially aeronautics, astronautics, and marine technology. We look forward to welcoming you in Xi'an!

IMPORTANT DATES

2018/4/15 Full paper submission deadline

2018/5/4 Notification of paper status

2018/5/20 Online registration deadline

SCOPE AND TOPICS

- Knowledge and feature-based machining
- Setup, planning, and pre-processing of CNC machining
- Tool-axis and tool position computation
- General tool path computation and algorithms
- Simulation, verification, and post-generation optimization
- Machine tool and cutting dynamics
- Open architecture and shop floor cloud computing
- Tool path planning in hybrid and additive manufacturing
- NC machining in industry 4.0
- Cyber physical systems for NC machining

Reviewed and selected papers from CNCM2018 will appear on the **International Journal of Advanced Manufacturing Technology** as a special issue.

CONTACT

Dr. Ming LUO
luoming@nwpu.edu.cn

Northwestern Polytechnical University
+86(29)88493232 ext. 409

ABOUT XI'AN

Xi'an was known as Chang'an and the gateway to the famous Silk Road when the path to wealth emerged during the Han dynasty; and reached its historical apex during the flourishing and prosperous Tang Dynasty 1300 years ago. Chang'an during Tang Dynasty was one of the largest cities in the world, a land of fortune and promises for thousands of international traders and merchants.

