CALL FOR PAPERS

CCC 2016
The 35th Chinese Control Conference
July 27-29, 2016, Chengdu, China

The 35th Chinese Control Conference (CCC2016) will be held Wednesday through Friday, July 27-29, 2016 in Chengdu, China. The CCC is an annual international conference sponsored by the Technical Committee on Control Theory (TCCT), Chinese Association of Automation (CAA). It aims to bring together the international community of systems and control to discuss the latest findings and advances in control theories and technologies. The CCC2016 will feature plenary lectures, contributed and invited papers, panel discussions, pre-conference workshops, oral presentation sessions and interactive sessions. The proceedings of CCC have been included in the IEEE Xplore and indexed by EI Compendex since 2006.

Situated in Southwest China, Chengdu, culturally and economically thriving, is one of the most attractive cities and a major metropolis in China. The city, with its rich historical heritage and natural pride, is renowned for its cuisine, tourism, culture, the giant panda, its breathtaking landscape and most welcoming atmosphere. Chengdu is the first Asian city to win a UNESCO City of Gastronomy accolade, one of the six in the world. Welcome to Chengdu! Welcome to CCC2016!

Organizing Committee

Organizing Institutes
Technical Committee on Control Theory ,CAA
Systems Engineering Society of China
Southwest Jiaotong Univ.

Technical Co-Sponsors
Academy of Mathematics and Systems Science, CAS
China Society for Industrial and Applied Mathematics
Univ. of Electronic Science and Technology of China
Sichuan Univ.   Sichuan Society of Automation and Instrument
Asian Control Association   IEEE Control System Society
Inst. of Control, Robotics, and Systems, Korea
The Society of Instr. and Contr. Engineers, Japan

Advisory Committee
Tianyou Chai, Northeastern Univ.   **Han-Fu Chen,** Chinese Academy of Sciences
Daizhan Cheng, Chinese Academy of Sciences
Weihua Gui, Central South Univ.   **Yu-Chi Ho,** Harvard Univ.
Lin Huang, Peking Univ.   **Qiang Lu,** Tsinghua Univ.
Qingquan Qian, Southwest Jiaotong Univ.
Youxian Sun, Zhejiang Univ.   **Tzyh-Jong Tarn,** Washington Univ.
Shouyang Wang, Chinese Academy of Sciences
Hongxin Wu, Beijing Institute of Control Engineering
Fei Xu, Southwest Jiaotong Univ.   **Nanning Zheng,** Xi'an Jiaotong Univ.

General Chairs
Lei Guo, Chinese Academy of Sciences   **Kemin Zhou,** Southwest Jiaotong Univ.

General Vice-Chair
Xiaoyun Feng, Southwest Jiaotong Univ.

Program Committee Chairs
Jie Chen, City Univ. of HK, HK   **Qianchuan Zhao,** Tsinghua Univ.

Regional Chairs
Tongwen Chen, Univ.of Alberta, Canada   **Xiaoming Hu,** KTH, Sweden
James Lam, Univ. of HK, HK   **Guoping Liu,** Univ. of South Wales, UK
Wei Ren, UC Riverside, USA   **Tielong Shen,** Sophia Univ., Japan
Xiaohua Xia, Univ. of Pretoria, South Africa **Lihua Xie,** Nanyang Technological Univ., SG
Xiaolan Xie, ENSM.SE, France
Weixing Zheng, Univ. of Western Sydney, Australia

Members : TCCT members and invited experts

Invited Session Chairs
Ben M. Chen, National Univ. of Singapore, SG **Gang Feng,** City Univ. of HK, HK
Guoxiang Gu, Louisiana State Univ., USA
Yiguang Hong, Chinese Academy of Sciences
Zhong-Ping Jiang, Poly. Inst. of New York Univ., USA
Derong Liu, Chinese Academy of Sciences   **Kang-Zhi Liu,** Chiba Univ., Japan
Quan Pan, Northwestern Polytechnical Univ.
Li Qiu, HK Univ. of Science&Technology, HK
Yong Wang, Univ. of Science&Technology of China **Zidong Wang,** Brunel Univ., UK
Jian Xiao, Southwest Jiaotong Univ.   **Xinghuo Yu,** RMIT Univ., Australia

Panel Discussion Chairs
Jie Chen, Beijing Inst. of Technology   **Jie Huang,** Chinese Univ. of HK, HK

Pre-Conference Workshop Chairs
Weirong Chen, Southwest Jiaotong Univ.   **Shaoyuan Li,** Shanghai Jiao Tong Univ.

Poster Session Chairs
Xiang Chen, Univ. of Windsor, Canada   **Hairong Dong,** Beijing Jiaotong Univ.
Yingmin Jia, Beihang Univ.   **Zongli Lin,** Univ. of Virginia, USA

Organizing Committee Chairs
Shibin Gao, Southwest Jiaotong Univ.
Shuzhi Sam Ge, Univ. of Electronic Science&Technology of China
Xu Zhang, Sichuan Univ.

Editorial Chairs
Jie Chen, City Univ. of HK, HK   **Qianchuan Zhao,** Tsinghua Univ.

Publicity and Publication Chairs
Guangren Duan, Harbin Inst. of Technology
Weidong Jin, Southwest Jiaotong Univ.
Hongsheng Qi, Chinese Academy of Sciences
Hongwei Zhang, Southwest Jiaotong Univ.

General Secretaries
Xiaoqiong He, Southwest Jiaotong Univ.   **Lei Ma,** Southwest Jiaotong Univ.
Yanlong Zhao, Chinese Academy of Sciences

Important Dates:

1. Deadline for deadline for all submissions: December 15, 2015
2. Deadline for notification of acceptance: April 1, 2016
3. Deadline for final submission: April 30, 2016

Authors' Information

1. All papers (including proposals of invited sessions) should be submitted online through http://ccc2016.swjtu.edu.cn ccc.amss.ac.cn/2016
2. The CCC2016 presents the Guan Zhao-Zhi Best Paper Award and the Best Poster Award. Detailed application information can be found at http://ccc2016.swjtu.edu.cn ccc.amss.ac.cn/2016
3. Invited session proposals should include the following information of all invited papers, such as authors' name and affiliation, the title and the abstract of the paper.

Contacts :

Program Committee Secretariat: Ms. Ying QU
Tel.:+86-10-82541403 Email: ccc@amss.ac.cn
Add.: Academy of Mathematics and Systems Science, CAS, No. 55 Zhongguancun East Road, Beijing, 100190, P.R. China
Organizing Committee Secretariat: Ms. Na QIN
Tel.:+86-13540067894   Email: ccc2016@my.swjtu.edu.cn
Add.: School of Electrical Engineering, Southwest Jiaotong University Chengdu, Sichuan, 610031, P.R. China

Scope of the CCC2016 includes but not limited to

- S01 Systems Theory and Control Theory
- S02 Nonlinear Systems and Control
- S03 Complexity and Complex System Theory
- S04 Distributed Parameter Systems
- S05 Stability and Stabilization
- S06 Stochastic Systems
- S07 System Modeling and Identification
- S08 Hybrid Systems and Discrete Event Dynamic Systems
- S09 Optimal Control
- S10 Optimization and Scheduling
- S11 Robust Control
- S12 Adaptive Control and Learning Control
- S13 Variable Structure Control
- S14 Neural Networks
- S15 Fuzzy Systems and Fuzzy Control
- S16 Pattern Recognition
- S17 Predictive Control
- S18 Motion Control
- S19 Signal Processing and Information Fusion
- S20 Big Data and Cloud Computing
- S21 Navigation and Guidance
- S22 Control Design
- S23 Intelligent Robots and Mechatronic Systems
- S24 Fault Diagnosis and Reliable Control
- S25 Communication Network Systems
- S26 Machine Learning and Artificial Intelligence
- S27 Control of Network Systems and Networked ControlSystems
- S28 Multi-Agent Systems and Distributed Control
- S29 Sensor Networks and Internet of Things
- S30 Green Energy Technology and Control in Energy and Environment
- S31 Vehicle Control
- S32 Data-Driven Modeling and Control
- S33 Micro-Nano and Quantum Systems
- S34 Nature-Inspired Computing
- S35 Transportation Systems
- S36 Systems Biology and Life Systems
- S37 Medical Systems and Automation
- S38 Industrial Systems and Manufacturing
- S39 Systems Engineering Theory and Method
- S40 System Simulation, Integration and Evaluation
- S41 Control in Smart Grid
- S42 Railway Transportation Systems
- S43 Visual Servoing Control
- S44 Game Theory and Social Networks
- S45 Fractional-Order Systems and Control
- S46 Aircraft Control
- S47 Control Education and Social Impact of Automation