

◆ 征文范围 ◆

- S01 系统理论与控制理论
- S02 非线性系统及其控制
- S03 复杂性与复杂系统理论
- S04 分布参数系统
- S05 稳定性与镇定
- S06 随机系统
- S07 系统建模与辨识
- S08 混杂系统与离散事件动态系统
- S09 最优控制
- S10 优化与调度
- S11 鲁棒控制
- S12 自适应控制与学习控制
- S13 云计算与计算智能
- S14 模糊系统与模糊控制
- S15 过程控制
- S16 预测控制
- S17 运动控制
- S18 信号处理与信息融合
- S19 大数据分析与控制
- S20 导航与制导
- S21 控制设计
- S22 智能机器人
- S23 故障诊断与容错控制
- S24 知识自动化
- S25 信息物理融合系统
- S26 网络系统的控制与网络控制系统
- S27 多智能体系统及分布式控制
- S28 传感器网络与物联网
- S29 新能源与节能环保控制
- S30 车辆与交通系统控制
- S31 数据驱动建模与控制
- S32 微纳与量子系统
- S33 系统生物学与生命系统
- S34 智能制造与工业智能
- S35 系统工程理论与方法
- S36 系统仿真、综合与评价
- S37 智能电网
- S38 模式识别、机器视觉与图像处理
- S39 博弈论与社会网络
- S40 强化学习与深度学习
- S41 信息系统与网络安全
- S42 社会经济系统与调控
- S43 自动化与控制教育
- S44 具身智能与大模型
- S45 智能决策
- S46 通讯系统的控制与决策
- S47 智能状态监测与健康管理
- S48 无人系统及自主控制
- S49 集群飞行控制

◆ 联系方式 ◆

程序委员会秘书处: 曲莹
电话: +86-13439292673
Email: ccc@amss.ac.cn
地址: 北京市中关村东路 55 号中国科学院数学与系统
科学研究院 (100190)

组织委员会秘书处: 李传扬
电话: +86-19992888996
Email: ccc2027_xian@163.com
地址: 陕西省西安市灞桥区同心路 2 号 (710025)

◆ Topics include, but are not limited to ◆

- S01 System Theory and Control Theory
- S02 Nonlinear Systems and Their 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 Cloud Computing and Computational Intelligence
- S14 Fuzzy Systems and Fuzzy Control
- S15 Process Control
- S16 Predictive Control
- S17 Motion Control
- S18 Signal Processing and Information Fusion
- S19 Big Data Analysis and Control
- S20 Navigation and Guidance
- S21 Control Design
- S22 Intelligent Robots
- S23 Fault Diagnosis and Fault-Tolerant Control
- S24 Knowledge Automation
- S25 Cyber-Physical Systems
- S26 Control of Networked Systems and Networked Control Systems
- S27 Multi-Agent Systems and Distributed Control
- S28 Sensor Networks and Internet of Things
- S29 New Energy and Energy-Saving & Environmental Protection Control
- S30 Vehicle and Transportation System Control
- S31 Data-Driven Modeling and Control
- S32 Micro-Nano and Quantum Systems
- S33 Systems Biology and Living Systems
- S34 Intelligent Manufacturing and Industrial Intelligence
- S35 Theory and Methodology of Systems Engineering
- S36 System Simulation, Synthesis and Evaluation
- S37 Smart Grid
- S38 Pattern Recognition, Machine Vision and Image Processing
- S39 Game Theory and Social Networks
- S40 Reinforcement Learning and Deep Learning
- S41 Information System and Cyber Security
- S42 Socio-Economic Systems and Regulation
- S43 Automation and Control Education
- S44 Embodied Intelligence and Large Models
- S45 Intelligent Decision-Making
- S46 Control and Decision for Communication Systems
- S47 Intelligent Condition Monitoring and Health Management
- S48 Unmanned Systems and Autonomous Control
- S49 Swarm Flight Control

◆ Contact Information ◆

Program Committee Secretariat: Ying Qu
Tel: +86-13439292673
E-mail: ccc@amss.ac.cn
Address: No.55 Zhongguancun East Road, Beijing 100190, P.R. China

Organizing Committee Secretariat: Chuanyang Li
Tel: +86-19992888996
Email: ccc2027_xian@163.com
Address: No.2 Tongxin Road, Baqiao District, Xi'an City, Shaanxi Province, P.R.China
(Postal Code:710025)

第46届中国控制会议

The 46TH Chinese Control Conference (CCC2027)

征文通知

Call for Papers

会议组织机构 / ORGANIZERS



中国·西安 | 2027
XI'AN 7.23-26



◆ 会议介绍 ◆

第 46 届中国控制会议 (CCC2027) 将于 2027 年 7 月 23-26 日在西安举办。中国控制会议由中国自动化学会控制理论专业委员会 (TCCT) 发起, 现已成为控制理论与技术领域的国际性学术会议。会议旨在为系统、控制及自动化领域的国内外学者与技术人员提供一个学术交流平台, 展示最新的理论与技术成果。会议采用大会报告、专题研讨会、发展论坛、会前专题讲座、分组报告和张贴论文等形式进行交流。会议的工作语言为中文和英文。会议英文论文会后将提交 IEEE Xplore 数据库。

西安古称长安, 是陕西省省会, 位于关中平原中部, 是国家明确建设的国际化大都市、国家中心城市, 作为“一带一路”的核心节点和倡议城市, 战略地位举足轻重, 文化历史底蕴厚重, 科技实力雄厚, 工业体系门类齐全, 城市服务体系日益成熟, 已逐渐成为中国重要的科研、高等教育、国防科技工业和高高新技术产业基地及辐射中西部地区的金融、科技、教育、旅游和商贸中心。作为中华文明的重要发祥地之一, 西安曾作为周、秦、汉、唐等 13 朝的都城, 见证了中华文明的辉煌与变迁, 现有“世界第八大奇迹”秦始皇兵马俑、华清池、大雁塔、西安城墙·碑林历史文化景区、大明宫遗址等 5 处 5A 级景区。西安历史悠久, 文化底蕴深厚, 定让您流连忘返, 2027, 西安欢迎您!

◆ 重要日期 ◆

会议网站投稿开通日期: 2026 年 10 月 01 日
提交论文初稿截止日期: 2026 年 12 月 15 日
论文录用通知截止日期: 2027 年 04 月 10 日
提交论文终稿截止日期: 2027 年 04 月 30 日

主办单位

中国自动化学会控制理论专业委员会
中国自动化学会
中国系统工程学会

承办单位

火箭军工程大学

协办单位

中国科学院数学与系统科学研究院
中国工业与应用数学学会
上海系统科学研究院
Asian Control Association
IEEE Control Systems Society
Institute of Control, Robotics, and Systems, Korea
The Society of Instrument and Control Engineers, Japan
陕西省科协
陕西省自动化学会
西安交通大学
西北工业大学
西安电子科技大学
长安大学
西安理工大学
空军工程大学
中国兵器集团 203 所
中国航空工业集团 618 所

顾问委员会

包为民 中国航天科技集团
柴天佑 东北大学
陈翰馥 中国科学院数学与系统科学研究院
陈杰 哈尔滨工业大学
程代展 中国科学院数学与系统科学研究院
段广仁 哈尔滨工业大学 / 南方科技大学
房建成 北京航空航天大学
管晓宏 西安交通大学
桂卫华 中南大学
郭雷 中国科学院数学与系统科学研究院
郭雷 北京航空航天大学
洪奕光 同济大学
黄捷 香港中文大学
黄琳 北京大学
钱锋 华东理工大学
乔红 中国科学院自动化研究所
秦化淑 中国科学院数学与系统科学研究院
孙优贤 浙江大学
谭铁牛 南京大学
谈自忠 美国圣路易华盛顿大学
唐立新 东北大学
王天然 中国科学院沈阳自动化研究所
吴宏鑫 北京控制工程研究所
席裕庚 上海交通大学
谢立华 新加坡南洋理工大学
杨孟飞 中国航天科技集团
杨晓光 中国科学院数学与系统科学研究院
于海斌 中国科学院沈阳自动化研究所
张纪峰 中国科学院数学与系统科学研究院
郑南宁 西安交通大学
李应红 空军工程大学
杨树兴 中国兵器集团 203 所
焦宗夏 北京航空航天大学
张艳宁 西北工业大学
李树涛 长安大学
胡德文 国防科技大学
宋永端 重庆大学
鲁军勇 海军工程大学

◆ 投稿须知 ◆

1. 论文采用网上投稿, 请登录网站: <https://cms.amss.ac.cn/>
2. 组织邀请组者, 请提交 1000 字左右的申请书以及拟邀请论文的作者、题目、摘要等信息。详情参见: <https://ccc2027.meeting666.com>。

◆ 会议组织机构 ◆

总主席

胡昌华 火箭军工程大学
赵延龙 中国科学院数学与系统科学研究院

副主席

敖正军 火箭军工程大学
郑永安 火箭军工程大学

程序委员会主席

孙健 北京理工大学
司小胜 火箭军工程大学

区域主席

陈通文 University of Alberta, Canada
韩清龙 Swinburne University of Technology, Australia
胡晓明 KTH, Sweden
林参 University of Hong Kong, China
任伟 UC Riverside, USA
申铁龙 Dalian University of Technology
王子栋 Brunel University, UK
夏小华 University of Pretoria, South Africa
胡国强 Nanyang Technological University, Singapore
周孟初 New Jersey Institute of Technology, USA

邀请组主席

丁正桃 The University of Manchester, UK
冯刚 City University of Hong Kong, China
姜钟平 New York University, USA
刘康志 Chiba University, Japan
刘国平 南方科技大学
余星火 RMIT University, Australia
刘丁 西安理工大学
杨清宇 西安交通大学
许斌 西北工业大学
马建峰 西安电子科技大学
闫茂德 长安大学
郭杨 火箭军工程大学
王智毅 中国兵器集团 203 所
车军 中国航天工业集团公司 618 所

专题研讨会主席

陈本美 Chinese University of Hong Kong, China
吴敏 中国地质大学 (武汉)

发展论坛主席

刘志新 中国科学院数学与系统科学研究院
何华锋 火箭军工程大学

会前专题讲座主席

关新平 上海交通大学
杨小冈 火箭军工程大学

张贴论文主席

董华荣 同济大学
林宗利 University of Virginia, USA
潘泉 西北工业大学
席建祥 火箭军工程大学

展览主席

何川 火箭军工程大学
朱建文 火箭军工程大学

组织委员会主席

郑建飞 火箭军工程大学
高新波 西安电子科技大学
兰旭光 西安交通大学
刘准钊 西北工业大学

组织委员会副主席

孔祥玉 火箭军工程大学
李伟林 西北工业大学
杨卫平 中国航天工业集团公司 618 所
刘洁瑜 火箭军工程大学

编辑委员会主编

孙健 北京理工大学 (同程序委员会主席)
司小胜 火箭军工程大学 (同程序委员会主席)

宣传及出版主席

齐洪胜 中国科学院数学与系统科学研究院
蔡光斌 火箭军工程大学

秘书长

薛文超 中国科学院数学与系统科学研究院
王永超 火箭军工程大学

◆ Call for Papers for CCC 2027 ◆

The 46th Chinese Control Conference (CCC2027) will be held in Xi'an from July 23 to 26, 2027. Initiated by the Technical Committee on Control Theory (TCCT) of the Chinese Association of Automation, the Chinese Control Conference has grown into an international academic event in the field of control theory and technology. The conference aims to build an academic exchange platform for scholars and engineering practitioners worldwide specializing in systems, control and automation to present state-of-the-art theoretical and technological advances. Multiple communication formats will be adopted, including plenary lectures, special workshops, development forums, pre-conference workshops, parallel sessions, oral presentations and poster presentations. Both Chinese and English are adopted as the official working languages. All accepted English papers of the conference will be submitted to the IEEE Xplore digital library after the event.

Formerly known as Chang'an, Xi'an is the provincial capital of Shaanxi Province situated in the central Guanzhong Plain. It is designated by China as an international metropolis and a national central city. Serving as a core hub city under the Belt and Road Initiative, Xi'an boasts pivotal strategic status, profound historical heritage, robust scientific and technological strength and a complete industrial spectrum alongside increasingly sophisticated urban supporting services. It has evolved into a key base in China for scientific research, higher education, national defense science & technology and high-tech industries, as well as a regional hub covering finance, science, education, tourism and commerce that radiates across central and western China. One of the birthplaces of Chinese civilization, Xi'an served as the imperial capital for 13 dynasties including the Zhou, Qin, Han and Tang, witnessing the splendid evolution of Chinese civilization. The city is home to five AAAAA-level scenic spots: the Terracotta Army of Emperor Qinshihuang (dubbed the Eighth Wonder of the World), Huaqing Palace, Giant Wild Goose Pagoda, Xi'an City Wall & Stele Forest Scenic Area and Daming Palace National Heritage Park. Blessed with a long history and splendid culture, Xi'an will leave you with unforgettable memories. We look forward to welcoming you to Xi'an in 2027!

◆ Important Dates ◆

Opening of manuscript submission via conference website: October 1, 2026
Deadline for initial paper submission: December 15, 2026
Notification of paper acceptance deadline: April 10, 2027
Deadline for final paper submission: April 30, 2027

Organizing Institutes

Technical Committee on Control Theory, CAA
Chinese Association of Automation
Systems Engineering Society of China

Host

Rocket Force University of Engineering

Co-Sponsors

Academy of Mathematics and Systems Science, CAS
China Society for Industrial and Applied Mathematics
Shanghai Academy of Systems Science
Asian Control Association
IEEE Control Systems Society
Institute of Control, Robotics, and Systems, Korea
The Society of Instrument and Control Engineers, Japan
Shaanxi Association For Science and Technology
Shaanxi Association of Automation
Xi'an Jiaotong University
Northwestern Polytechnical University
Xidian University
Chang'an University
Xi'an University of Technology
Air Force Engineering University
No.203 Research Institute, China North Industries Group Corporation
No.618 Research Institute, Aviation Industry Corporation of China

Advisory Committee

Weimin Bao China Aerospace Science and Technology Corporation
Tianyou Chai Northeastern University
Han-fu Chen Academy of Mathematics and Systems Science, CAS
Jie Chen Harbin Institute of Technology
Daizhan Cheng Academy of Mathematics and Systems Science, CAS
Guangren Duan Harbin Institute of Technology / Southern University of Science and Technology
Jiancheng Fang Beihang University
Xiaohong Guan Xi'an Jiaotong University
Weihua Gui Central South University
Lei Guo Academy of Mathematics and Systems Science, CAS
Lei Guo Beihang University
Yiguang Hong Tongji University
Jie Huang The Chinese University of Hong Kong
Lin Huang Peking University
Feng Qian East China University of Science and Technology
Hong Qiao Institute of Automation, CAS
Huashu Qin Academy of Mathematics and Systems Science, CAS
Youxian Sun Zhejiang University
Tieniu Tan Nanjing University
Tzyh-Jong Tarn Washington University in St. Louis, USA
Lixin Tang Northeastern University
Tianran Wang Shenyang Institute of Automation, CAS
Hongxin Wu Beijing Institute of Control Engineering
Yugeng Xi Shanghai Jiao Tong University
Lihua Xie Nanyang Technological University, Singapore
Mengfei Yang China Aerospace Science and Technology Corporation
Xiaoguang Yang Academy of Mathematics and Systems Science, CAS
Haibin Yu Shenyang Institute of Automation, Chinese Academy of Sciences
Jifeng Zhang Academy of Mathematics and Systems Science, CAS
Nanning Zheng Xi'an Jiaotong University
Yinghong Li Air Force Engineering University
Shuxing Yang No.203 Research Institute, China North Industries Group Corporation
Zongxia Jiao Beihang University
Yanning Zhang Northwestern Polytechnical University
Shutao Li Chang'an University
Dewen Hu National University of Defense Technology
Yongduan Song Chongqing University
Junyong Lu Naval University of Engineering

General Chairs

Changhua Hu Rocket Force University of Engineering
Yanlong Zhao Academy of Mathematics and Systems Science, CAS

◆ Authors' Information ◆

1. Paper submissions are made online. Please log in to the website: <https://cms.amss.ac.cn/>.
2. For organizers of invited sessions, please submit an application of approximately 1,000 words, along with information such as the authors, titles and abstracts of the proposed invited papers. For details, refer to: <https://ccc2027.meeting666.com>.

◆ Committees ◆

General Vice-Chairs

Zhengjun Ao Rocket Force University of Engineering
Yong'an Zheng Rocket Force University of Engineering

Program Committee Chairs

Jian Sun Beijing Institute of Technology
Xiaosheng Si Rocket Force University of Engineering

Regional Chairs

Tongwen Chen University of Alberta, Canada
Qing-Long Han Swinburne University of Technology, Australia
Xiaoming Hu KTH, Sweden
James Lam University of Hong Kong, China
Wei Ren UC Riverside, USA
Tielong Shen Dalian University of Technology
Zidong Wang Brunel University, UK
Xiaohua Xia University of Pretoria, South Africa
Guoqiang Hu Nanyang Technological University, Singapore
Mengchu Zhou New Jersey Institute of Technology, USA

Invited Session Chairs

Zhengtao Ding The University of Manchester, UK
Gang Feng City University of Hong Kong, China
Zhong-Ping Jiang New York University, USA
Kangzhi Liu Chiba University, Japan
Guoping Liu Southern University of Science and Technology
Xinghuo Yu RMIT University, Australia
Ding Liu Xi'an University of Technology
Qingyu Yang Xi'an Jiaotong University
Bin Xu Northwestern Polytechnical University
Xidian University
Jianfeng Ma Chang'an University
Maode Yan Rocket Force University of Engineering
Yang Guo No.203 Research Institute, China North Industries Group Corporation
Zhiyi Wang Jun Che No.618 Research Institute, Aviation Industry Corporation of China

Panel Discussion

Benmei Chen The Chinese University of Hong Kong, China
Min Wu China University of Geosciences

Development Forum Chairs

Zhixin Liu Academy of Mathematics and Systems Science, CAS
Huafeng He Rocket Force University of Engineering

Pre-conference Workshop Chairs

Xiping Guan Shanghai Jiao Tong University
Xiaogang Yang Rocket Force University of Engineering

Poster Session Chairs

Hairong Dong Tongji University
Zongli Lin University of Virginia, USA
Quan Pan Northwestern Polytechnical University
Jianxiang Xi Rocket Force University of Engineering

Exhibition Chairs

Chuan He Rocket Force University of Engineering
Jianwen Zhu Rocket Force University of Engineering

Organizing Committee Chairs

Jianfei Zheng Rocket Force University of Engineering
Xinbo Gao Xidian University
Xuguang Lan Xi'an Jiaotong University
Zhunga Liu Northwestern Polytechnical University

Organizing Vice-Chairs

Xiangyu Kong Rocket Force University of Engineering
Weilin Li Northwestern Polytechnical University
Weiping Yang No.618 Research Institute, Aviation Industry Corporation of China
Jieyu Liu Rocket Force University of Engineering

Publicity and Publication Chairs

Hongsheng Qi Academy of Mathematics and Systems Science, CAS
Guangbin Cai Rocket Force University of Engineering

General Secretaries

Wenchao Xue Academy of Mathematics and Systems Science, CAS
Yongchao Wang Rocket Force University of Engineering