Topics of CCC&SICE2015

CCC2015的征文范围如下：

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 混杂系统与离散时间动态系统
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 变结构控制
S14 神经网络
S15 模糊系统与模糊控制

S16 模式识别
S17 预测控制
S18 运动控制
S19 信号处理与信息融合
S20 大数据分析与压缩采样
S21 导航与制导
S22 控制设计
S23 智能机器人与机电系统
S24 故障诊断与可靠控制
S25 通讯网络系统
S26 计算机控制与信息物理系统
S27 网络系统的控制与网络控制系统
S28 多智能体系统及分布式控制
S29 传感器网络与物联网
S30 新能源与节能环保中的控制技术

S31 车辆系统控制
S32 数据驱动建模与控制
S33 微纳与量子系统
S34 自然启发（遗传等）算法
S35 交通系统
S36 系统生物学与生命系统
S37 经济、金融、人口与军事系统
S38 工业系统与制
S39 系统工程理论与 法
S40 系统仿真、综合与评价
S41 智能电网中的控制
S42 智慧城市及其架构
S43 云计算与云服务
S44 博弈论与社会网络
S45 控制教育与自动化的社会影响

Topics of CCC2015 will be focused on, but not limited to :

S01 System 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 DEDS
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 System and Fuzzy Control
S16 Pattern Recognition

S17 Predictive Control
S18 Motion Control
S19 Signal Processing and Information fusion
S20 Big Data Analysis and Compressed Sampling
S21 Navigation and Guidance
S22 Control Design
S23 Intelligent Robots and Mechatronic Systems
S24 Fault Diagnosis and Reliable Control
S25 Communication Network Systems
S26 Computer Control and Cyber-Physical Systems
S27 Control of Network Systems and Networked Control Systems
S28 Multi-Agent Systems and Distributed Control
S29 Sensor Networks and Internet of Things (IoT)
S30 New Energy Technology and Control in Energy and Environment

S31 Automotive/Vehicle Systems Control
S32 Data Driven Modeling and Control
S33 Micro-nano and Quantum Systems
S34 Nature-inspired (GA, etc.) Computing
S35 Transportation Systems
S36 Systems Biology and Life Systems
S37 Economy, Finance, Population and Military Systems
S38 Industrial Systems and Manufacturing
S39 Systems Engineering Theory and Method
S40 System Simulation, Integration and Evaluation
S41 Control in Intelligent Power Systems
S42 Smart City and Infrasture
S43 Cloud computing and Service
S44 Game Theory and Social Network
S45 Control Education and Social Impact of Automation

Topics of SICE2015 will be focused on, but not limited to:

Measurement
Sensors and Transducers
Signal and/or Image Processing
Identification and Estimation
Opto-Electronic Measurement
Remote Sensing
Mass and Force Measurement
Temperature Measurement
Ultra-High Precision Measurement
Analytical Measurement
Standard of Measurement
Flow Measurement and Control
Networked Sensor System

System and Information
System Engineering
Human-Machine Systems
Intelligent Systems
Decentralized Autonomous Systems
Computational Intelligence
Discrete Event Systems
Social Systems
Molecular Robotics
Relationality-Oriented Systems Science
Smart Mobility Systems
Hypercomputics
Innovative Systems Approach

Control
Multivariable Control
Nonlinear Control
Robust Control
Adaptive and Optimal Control
Intelligent Control
Computer Aided Design
Modeling System Identification and Estimation
Process Control
Mechanical Systems Control
Guidance and Flight Control
Power Systems Control

Industrial Applications
Process Automation
Factory Automation
Laboratory Automation
Information Management Systems
SCADA and Network Systems
Manufacturing Systems
Micro and Nano Devices
Components and Devices

System Integration
Mechatronics Systems
Robotic and Automation Systems

Human Interfaces
Virtual Reality Systems
Entertainment Systems
Medical and Welfare Systems

Safety Environment and Eco-Systems
Agricultural and Bio-Systems
Rescue Systems
Simulation of Large Systems
Network System Integration

Life Engineering
Integrative Biophysical Engineering and Informatics
Biological and Physiological Engineering
Electrophysiology and Kinesiology
Ubiquitous Healthcare

Automotive Systems
Automotive power train control
Vehicle Dynamics and Control
Diagnosis System for Automobiles
Advanced Sensing and Sensor Fusion Technologies forn Automobiles
Modeling and Calibration Technologies for Automobiles
Human Factor in Driving Dynamics or Driver Assistance Systems
Autonomous Car and Intelligent Transportation Systems
XEV (HEV, EV, FCEV, etc.) and Solar-Powered Vehicle Controls

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CCC&SICE2015

July 28-30, 2015

CALL FOR PAPERS

征文通知

The 34th Chinese Control Conference & SICE Annual Conference 2015

(CCC&SICE2015)

July 28-30, 2015 Hangzhou, China

SICE

征文通知

第34届中国控制会议 日本SICE2015年会
The 34th Chinese Control Conference & SICE Annual Conference 2015 (CCC&SICE2015)
2015年7月28–30日 中国·杭州

Call for papers
The 34th Chinese Control Conference &
SICE Annual Conference 2015 (CCC&SICE2015)
July 28–30, 2015 Hangzhou, China

第34届中国控制会议（CCC2015）和日本仪器与控制工程师学会（SICE）2015年会将联合举办，会议（CCC&SICE2015）由中国自动化学会控制理论专业委员会（TCCT）和日本SICE主办，杭州电子科技大学承办。

中国控制会议是由TCCT发起的系列学术会议，现已发展成为控制理论与技术领域的国际性学术会议。会议旨在为全球系统与控制领域的学者与技术人员提供一个学术交流的平台，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、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。自2005年起会议论文集由ISTP收录，自2006年起会议论文集进入IEEE CPP，并由EI收录。

SICE2015是一个仪表、控制、信息技术和系统集成领域的国际会议。会议主题广泛，从测量与控制到系统分析与设计、从理论到应用、从软件到硬件。会议论文类型包括Regular Paper（进入IEEE数据库）和Position Paper（不进入IEEE数据库）。这是第三次在日本本土以外召开SICE年会。希望与CCC共同召开的本次会议取得圆满成功。SICE2015的工作语言为英文。

CCC&SICE2015将于2015年7月28-30日在中国杭州举行。杭州是中国七大古都之一，风景秀丽，历史文化底蕴丰富，自古有"天堂"的美称，还被誉为"鱼米之乡"、"丝绸之府"、"茶叶之都"。热忱欢迎海内外广大同仁踊跃投稿、参会，共同交流学术成果。人间天堂欢迎您，控制盛会期待您！

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1. 所有论文采用网上投稿，请登录
   http://cms.amss.ac.cn/ 或
   http://www.sice.jp/ccc-sice2015 投稿。
2. CCC2015和SICE2015将独立进行投稿。
3. 更多信息请访问：http://ccc.amss.ac.cn/2015/，
   http://www.sice.jp/ccc-sice2015,
   http://ccc-sice2015.hdu.edu.cn/

重要日期：
提交论文初稿截止日期：**2015年1月31日**
录用/不录用通知日期：2015年4月1日
提交论文终稿日期：2015年4月30日

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The 34th Chinese Control Conference and SICE Annual Conference 2015 (CCC&SICE2015) is organized by the Technical Committee on Control Theory (TCCT) of Chinese Association of Automation (CAA) and the Society of Instrument and Control Engineers (SICE) of Japan, and locally organized by Hangzhou Dianzi University (HDU).

CCC2015 aims to provide a forum for scientists and engineers over the world to present their new theoretical results and techniques in the field of systems and control. The conference consists of plenary talks, panel discussions, invited sessions, pre-conference workshops, oral sessions and poster sessions etc. for academic exchanges. The conference languages are Chinese and English. The CCC conference proceedings have been selected for coverage in ISTP (Index to Scientific and Technical Proceedings) since 2005, included in the IEEE CPP (Conference Publications Program) since 2006, and cited by EI since 2006.

SICE2015 is an international conference on Instrumentation, Control, Information Technology and System Integration. This conference covers a wide range of fields from measurement and control to system analysis and design, from theory to application and from software to hardware. Two types of paper are solicited: the Regular Paper is included in the IEEE Xplore digital library while the Position Paper is not. This is the third annual conference held outside Japan and we strongly look forward to fruitful collaboration with CCC. The official language of SICE2015 is English.

CCC&SICE2015 will be held in Hangzhou, China, on July 28 to 30, 2015. Hangzhou is one of the Seven Ancient Capitals of China, and due to its natural beauty and historical and cultural heritages, Hangzhou is renowned as "Paradise on Earth", "Town of Fish and Rice", "Home of Silk" and "Capital of Tea". Taking this opportunity, we sincerely welcome our colleagues worldwide to join us for this conference.

Paper Submissions
1. All papers should be submitted via the website:
   http://cms.amss.ac.cn/, http://www.sice.jp/ccc-sice2015
2. Papers for CCC2015 and SICE2015 will be submitted separately.
3. For more information: http://ccc.amss.ac.cn/2015/,
   http://www.sice.jp/ccc-sice2015,
   http://ccc-sice2015.hdu.edu.cn/

Key Dates
Submission Deadline: **Jan. 31, 2015** .
Notification of Acceptance: April 1, 2015
Final Submission: April 30, 2015

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