

第33届中国控制会议 征文通知

中国控制会议是由中国自动化学会控制理论专业委员会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年会. 会议以中文和英文为工作语言, 采用大会报告、专题研讨会、会前专题讲座、分组报告与张贴论文等形式进行学术交流. 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.

第33届中国控制会议由中国自动化学会控制理论专业委员会和中国系统工程学会共同主办, 南京理工大学承办, 将于2014年7月28–30日在古都南京举行. 我们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.

征文范围如下:

S01 变结构控制	S15 经济、金融、人口与 军事系统	S28 系统仿真、综合与评价
S02 车辆系统控制	S16 控制设计方法	S29 系统工程理论与方法
S03 传感器网络	S17 混杂系统与离散 事件动态系统	S30 系统建模与辨识
S04 大数据分析 with 压缩采样	S18 鲁棒控制	S31 系统生物学
S05 导航与制导	S19 模糊系统与模糊控制	S32 新能源与节能环保中 的控制技术
S06 多智能体系统与分布式控制	S20 模式识别	S33 信号处理与信息融合
S07 非线性系统控制	S21 神经网络	S34 优化与调度
S08 非线性系统理论	S22 数据驱动建模与控制	S35 预测控制
S09 分布参数系统	S23 随机系统	S36 运动控制
S10 复杂性与复杂系统理论	S24 通讯网络系统	S37 智能电网中的控制问题
S11 工业系统与制造	S25 网络化控制系统	S38 智能机器人
S12 故障诊断与可靠控制	S26 微纳与量子系统	S39 自然启发(遗传等)的算法
S13 计算机控制与物理 信息融合系统	S27 稳定性与镇定	S40 自适应控制与学习控制
S14 交通系统		S41 最优控制

征文要求:

1. 论文采用网上投稿, 请登陆<http://cms.amss.ac.cn/>了解具体事宜并投稿.
2. 大会设立关肇直优秀论文奖及张贴论文奖, 申请办法和条例请查看控制理论专业委员会网页<http://tcct.amss.ac.cn/>.
3. 拟组织邀请组的组织者, 需提供1000字的组织建议书及该组全部拟邀请论文的全文. 同一邀请组的论文的主题应鲜明、集中, 邀请组一般有6篇论文.

会议语言: 中文/英文

重要日期:

提交论文初稿日期: 2013年10月20日–2013年12月15日

录用/不录用通知日期: 2014年4月1日

提交最终论文日期: 2014年4月5日–4月30日

会议网站: <http://ccc.amss.ac.cn/2014/cn/>; <http://ccc2014.njust.edu.cn>

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Call For Papers

The 11th World Congress on Intelligent Control and Automation

June 27–30, 2014, Shenyang, China

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Yu Chi Ho, USA

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Yaochu Jin, UK
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The 11th World Congress on Intelligent Control and Automation (WCICA 2014) will be held in Shenyang, China, from June 27 to 30, 2014. WCICA 2014 is technically sponsored by IEEE Robotics and Automation Society, IEEE Control Systems Society, National Natural Science Foundation of China, the Chinese Association of Automation, and the Chinese Association of Artificial Intelligence.

WCICA 2014 features plenary keynotes and panel discussion sessions by the world leading researchers as well as awards to honor outstanding papers presented at this Congress. The awards include Best Paper on Theory, Best Paper on Applications, Best Student Paper, Best Poster Paper, Best Paper on Biomedical & Biosystem Related Areas, SUPCON Best Paper on Industrial Automation, and AIAG Best Paper on Supply Chain Related Topics.

The Proceedings of WCICA 2014 will be included in the IEEE Xplore database, as well as indexed by EI Compindex. Moreover the extended version of presented papers at the congress will be considered for further publication in leading international journal.

It is our great pleasure to invite you to submit your original research papers to the Congress. WCICA 2014 also welcomes proposals for organizing Focused Theme Sessions on the conference topics, Tutorials and Workshops on emerging topics. You are invited to submit focused theme session proposals to Prof. Simon X. Yang (syang@uoguelph.ca) before December 1, 2013. Please refer to the Congress website for details.

Areas and topics of contributed papers include but are not limited to the following:

A. Control Theory and Engineering

- A1. Control Theory
- A2. Intelligent Control Theory and Applications
- A3. Advanced Control Algorithms and Applications
- A4. Networked Control Systems
- A5. Nonlinear Systems and Control
- A6. Robust and Adaptive Control

B. Engineering Optimization

- B1. Intelligent Optimization and Applications
- B2. Optimization for Industrial Automation Systems
- B3. Logistics and Supply Chain Optimization
- B4. Optimization for Decision Making Systems

C. System Sensing, Modelling and Analysis

- C1. System Modelling and Parameter Estimation
- C2. Fault Diagnosis and Safe Operation
- C3. System Simulation
- C4. Online Monitoring for Systems
- C5. Measurement Methods and Intelligent Instrumentation
- C6. Sensors, Sensor Networks, Sensing and Signal Processing

D. Big Data Automation

- D1. Big Data Analysis and Visualization

- D2. Data-driven Control

- D3. Data-driven Diagnosis

- D4. Data-driven Optimization, Scheduling, and Decision Making

- D5. Data-driven Operations and Quality Control

- D6. Data-based System Performance Analysis

E. Intelligent Automation Systems

- E1. Artificial Intelligence and Knowledge Engineering

- E2. Pattern Recognition, Image Processing, and Machine Learning

- E3. Computational Intelligence and Applications

- E4. Robotics, NANO, MEMS and Mechatronics Systems

- E5. Intelligent Automation Systems for Manufacturing

- E6. Integrated Automation Systems

- E7. Smart Grid

- E8. Biomedical Systems and Biosystems Automation

- E9. Intelligent Transportation Systems

- E10. Cyber Physical Systems and Sensor Networks

- E11. eCommerce and Intelligent Automation Management Systems

Important Dates:

Full-length PDF Paper Submission : Jan 15, 2014

Notification of Paper Acceptance : April 1, 2014

Final IEEE PDF Compliant Paper Submission: April 15, 2014

<http://2014.wcica.info>