



Call for Papers



Nanjing, China

**The 3rd Annual IEEE International Conference on
CYBER Technology in Automation, Control, and Intelligent Systems
May 26-29, 2013**

<http://www.ieee-cyber.org/2013/>

Honorary General Chairs:

XF Wang (NJUST), YX Sun (Zhejiang Uni.)

International Advisory Committee Chair:

TJ Tarn (Washington U, USA)
Toshio Fukuda (Nagoya U, Japan)

General Chair: G. Feng (CityU, HK)

General Co-Chair: YM Bo (NJUST)

Program Chair: Y. Liu (NJUST)

Program Co-Chairs: SY Xu (NJUST),
Wen Li (CityU, HK)

Regional Chairs: X. Chen (Windsor U, Canada), L. Liu (Nottingham U, UK), ZM Tang (NJUST), ZY Chen (Newcastle, Australia), D. Sun (CityU, HK), Steve Tung (US)

Invited Session Chairs: ZP Jiang (NYU, US), LH Xie (NTU, Singapore), J. Chen (BUST, China)

Award Committee Chairs: Ben Chen (NUS, Singapore, DZ Cheng (CAS), Max Meng (CUHK, HK)

Finance Chair: R. Lam (CityU, HK)

Publicity Chairs: Z.T. Ding (Manchester U, UK), Y Zhou (NJUST), YH Liu (CUHK), L. Shi (HKUST), ZL Lin (Virginia U, US), Y Tang (U Melbourne, Australia), C.Y. Wen (NTU, Singapore)

Local Arrangement Chair: BZ Du (NJUST),

Registration Chair: CX Cai (NJUST)

Publication Chairs: ZD Wang (Chiba Inst. Tech., Japan), BT Gao (Southeast U)

Cyber Physical Systems:

Embedded systems; integrated sensing, communication, and computational systems; chemical, biological, physical diagnostic and implantable systems; complex systems; mobile intelligent systems; micro power grids; electric power networks and grids; sustainable and distributed energy systems; energy scavenging systems; cyber technology to protect critical infrastructure.

Cyber Control/Automation:

Adaptive control; networked control; nonlinear control, multi-agent systems; co-operative control; control of energy systems; hybrid control; intelligent automation; intelligent control; factory modeling and simulation; home, laboratory and service automation; automation in energy systems; automation in life sciences and healthcare; planning, scheduling and coordination; biomedical applications.

Cyber Robotics:

Tele-robotics; human-machine interaction; perception systems; neural-controlled machines and robots; micro/nano/bio manipulation and assembly; search, rescue and field robotics; robot sensing and data fusion; localization, navigation and mapping; medical robots and bio-robotics; human-centered systems; space and underwater robots.

Internet of Things and Sensor Network:

Advanced "Internet of Things" technologies and applications; E-commerce; mobile commerce; logistics; transportation related issues; cyber security for energy and communication infrastructures; wireless, optical, and hybrid communications systems; internet security.

Important Dates

Dec. 31, 2012 Deadline of Full Paper

Feb. 15, 2013 Notification of acceptance

Mar. 15, 2013 Submission of final papers

- ✓ Accepted papers presented at the conference will be included in the IEEE Xplore database and EI-indexed.
- ✓ Several SCI-indexed journals will publish special issue papers based on selected papers from this conference.