IEEE-CYBER 2019

IEEE International Conference on CYBER Technology in Automation, Control, and Intelligent Systems

July 29-August 2, 2019
Suzhou, China

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Call for Papers

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.

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.

Robotics:

Cooperative robot; soft robot; industry robot; machining robot; parallel robot; 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:

Feb. 15, 2019 Submission of 2 pages abstract or 4-6 pages full paper
Feb. 15, 2019 Submission of organized focused theme session proposals
Apr. 23, 2019 Notification of paper and organized session acceptance
June 3, 2019 Submission of final papers and early bird registration

For more information, please visit the conference website
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