



# RCAE 2018

## International Conference on Robotics, Control and Automation Engineering

### Call For Paper

Topics are not limited to:

#### Robotics:

- Modeling and identification
- Humanoid robots
- Mobile robots
- Multi-robot systems
- Robot control
- Mobile robotics
- Mobile sensor networks
- Perception systems
- Intelligent autonomous systems
- Micro robots and micro-manipulation
- Visual servoing
- Search, rescue and field robotics
- Robot sensing and data fusion
- Localization, navigation and mapping
- Dexterous manipulation
- Medical robots and bio-robotics
- Collective and social robots
- Human centered systems
- Space and underwater robots
- Tele-robotics
- Cognitive approach for robotics
- Mechanism design and applications

#### Control:

- Adaptive control
- Control system modeling
- Simulation techniques and methodologies
- AI, Intelligent control, Neuro-control, Fuzzy control
- Process control
- Robust control
- Process control
- Complex systems
- Nonlinear systems
- Intelligent systems
- Optimal control
- Adaptive control
- Discrete event systems
- Hybrid systems
- Networked control systems
- Sensor networks
- Neural networks
- Control of biological systems
- Precision motion control
- Control applications
- Control engineering education
- Data analytics

#### Automation:

- Industrial automation
- Man-machine interactions
- Process automation
- Manufacturing process and automation
- Intelligent automation
- Factory modeling and simulation
- Home, laboratory and service automation
- Network-based systems
- Planning, scheduling and coordination
- Nano-scale automation and assembly
- Instrumentation systems
- Biomedical instrumentation and applications
- Building energy efficiency

We invite you to attend the 2018 International Conference on Robotics, Control and Automation Engineering (RCAE) is a premier international forum for robotics researchers to present their work, it is to be held in Beijing, China during December 26-28, 2018. This conference will be held annually and provide experts in the field of robotics, control and automation engineering a platform for technical communications through presentations and discussions. The conference creates a remarkable environment to indulge all the delegates in the frontier of robotics, control and automation engineering.

### Proceedings

Accepted full papers of RCAE 2018 will be published by Conference Proceedings, which will be indexed by [Ei Compendex](#), [Scopus](#).

(Only full papers after successful registration and presentation will be published. Abstracts will be only included in conference abstract book)

### Important Dates

Submission Deadline: **October 15, 2018**

Acceptance Notification: November 5, 2018

Registration Deadline: November 25, 2018

### Contact

Conference Secretary | 大会秘书

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**For any questions, feel free to contact us from Monday to Friday (10:00AM-18:00PM)**

### Submission

1. Online Submission System:  
<http://confsys.icnf.org/submission/rcae2018>
2. Through E-mail: [rcaesub@academic.net](mailto:rcaesub@academic.net)

### Daily Schedule

- December 26: Registration-Collecting Conference Staff
- December 27: Keynote Speech & Parallel Sessions
- December 28: Social Event

### Supported by

