

## 2018 CCDC Special Session:

### Control and Management on Smart City (Building)

#### CALL FOR PAPERS

This session has been held for four consecutive years, and this is the fifth session. The purpose is to bring the building field engaging in automation and intelligence together to cooperate and communicate with each other. Experts and scholars, graduate students in the areas related to the Control and Management on Smart City (buildings) are warmly invited to submit their original research results. The articles cover the following topics:

- Big data and cloud computing technology of smart city
- Self-diagnosis techniques of electrical & equipment faults in buildings
- Self-diagnosis techniques and health management of municipal engineering and equipment (such as water supply, drainage, heating, gas system and others)
- Control and detection technology in underground utility tunnels
- Robot application technology in buildings
- Application of Internet of Things, wireless sensor network technology in intelligent building system
- Development and application research on building information model (BIM)
- New technology of building fire protection and security
- Energy-saving technology research of building power supply, renewable energy and new energy
- Environmental monitoring and control technology of modern architecture
- Building automation (such as: building 3D printing, refabricated building)
- Application of image and video processing and pattern recognition technology in the buildings
- Motion control in the building equipment and environment (such as: elevator control)
- Motion control in the building equipment and environment (such as: the control of air conditioning)

- Application of advanced control theory in the intelligent building system
- Intelligent of engineering construction management
- Disaster prevention and mitigation and emergency decision-making of urban lifeline (power supply, water supply, drainage, heating, gas, urban rail transit and other systems)
- City intelligent transportation and logistics

The accepted article written in English whose author preaches about the article in the meeting will be included by "EI". You can get concrete issues and contribute your article at the website <http://www.ccdc.neu.edu.cn> or consulting the conference secretary through email: [secretary\\_ccdc@ise.neu.edu.cn](mailto:secretary_ccdc@ise.neu.edu.cn). For more information on the special session, please contact Professor Yahui Wang through email: [yahui-wang@vip.sina.com](mailto:yahui-wang@vip.sina.com)