

## Special Session

Code: 43j25

### Title

*Context Awareness in Connected Society & Systems*

### Proposer / Main Organizer

*Provide complete address/affiliation, phone, email and biography.*

*The main organizer will be the primary contact person to whom all correspondence will be sent*

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### IEEE Member or SMC Society Member

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### Category

*Please select one of the following categories:*

- Systems Science and Engineering*

### Number of Expected Paper Submissions:

*6 or more*

### Keywords

*Cooperative Systems and Control*

*Decision Support Systems*

*Distributed Intelligent Systems*

*Enterprise Information Systems*

*Intelligent Transportation Systems*

*Manufacturing Automation and Systems*

*Modeling of Autonomous Systems*

*Robotic Systems*

*Service Systems and Organizations*

*System Modeling and Control*

### Brief Description and Justification (200-250 words):

*At the era of Information and Communication Technology, everybody is connected and asked to manage interactions among people, between people and artificial systems, and among systems themselves in context awareness of their environment and operational situations. Context awareness refers, in information and communication technologies, to a capability to take into account the situation of entities, which may be users or devices, but are not limited to those. This special session takes place in the 4.0 world and deals with the problems related to the use of different devices, applications and digital documents taking into account context awareness.*

*The goal of the Special Session is to provide a forum for researchers and practitioners involved in different and complementary domains to confront research results and discuss key problems.*

*The major topics of interest of this special session include, but are not limited to:*

- Software Design and System Integration*
- Human Factors in Systems*
- Knowledge Engineering and Management*
- Cooperation and Organization*
- Interactions in Cyber Physical System*
- System of Systems*
- Recommender System/Context-Aware Recommender System/Decision Support Systems*
- Human Machine Interaction (assistance or representation)*
- Human Robot Interaction*
- Robotics and Automation*

*Applications in several domains like Health, Crisis Management, Manufacturing, Logistics, Smart Mobility or Systems are welcome.*