Situation management is a discipline that is primarily driven by the advances of sensor networks, event and process management, and machine learning. The main goal of situation management is to provide, for example, semantically rich real-time views of observed areas or objects as needed in various domains, disaster management, structural health monitoring, system monitoring and administration (e.g., data warehouses), or management of military strategies and tactics. These views are based on sets of situations that are deduced from large-scale (integrated) real-time data sources by intelligent analysis. Dynamic workflows offer a possibility to pre-define a plan for supporting decision makers or task forces in planning and coordinating certain scenarios, which should be adaptable to unexpected situation changes as simply as possible. The purpose of this workshop is to bring together researchers and practitioners from the field of situation management.

Workshop topics:

- Situation Awareness and Assessment
- Abnormal Situation Management
- Decision Support Systems
- Sensor Networks and Sensor Data Management
- Complex Event Processing
- Big Data Processing
- Stream Data Analytics
- Data Quality Management
- Intelligent Data Integration
- Ontologies
- Knowledge Representation
- Spatiotemporal Databases
- Process and Workflow Management
- Dynamic Workflows

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