Call for Tutorials

Eleventh International Conference on Semantic Technology for Intelligence, Defense, and Security (STIDS 2016)

George Mason University, Fairfax, VA, USA
November 14–16, 2016

http://stids.c4i.gmu.edu mailto:stids@c4i.gmu.edu

The Eleventh International Conference on Semantic Technology for Intelligence, Defense, and Security (STIDS 2016) will be held in November 2016 at George Mason University Fairfax campus. The main conference will be held Thursday and Friday, November 15–16, with a tutorial session on Wednesday, November 14 and a classified session at a venue to be announced for those with TS/SCI clearances on November 17.

STIDS provides a forum for academia, government, and industry to share the latest research on semantic technology for defense, intelligence, and security applications. Semantic technology is a fundamental enabler to achieve greater flexibility, precision, timeliness, and automation of analysis and response to rapidly evolving threats.

Conference Theme

This year the STIDS theme will be Semantics in the Internet of Things. Tutorial submissions related to this topic are most welcome, though there is no requirement for submissions to conform to the theme.

STIDS Audience

STIDS is a premier opportunity for collaboration and cross-fertilization between researchers and practitioners of semantic technology with particular experience in the problems facing the Intelligence, Defense, and Security communities. It will feature invited talks from prominent semantic researchers and recognized leaders from the target application domains.

Tutorial Content Guidelines

The main purpose of the tutorial program is to provide overviews of the state of the art in the subfields of semantic technology. Tutorial duration can be half or full day. The level of difficulty may range from beginner to advanced, and may be strategic or technical in nature.

Topic areas should be directly applicable to the defense, intelligence and/or security communities. They could be focused on one or more of the topic areas listed below, or on related semantic technology areas of (e.g. Semantic Web, ontology application, knowledge graph visualization, etc.).

- Best practices in the engineering of ontologies
- Human factors and usability issues
- Resiliency, risk analysis, and vulnerability assessment
- Intelligence collection, analysis, and dissemination
- Provenance, source credibility, and evidential pedigree
- Spatial and temporal phenomena and reasoning
- Uncertainty as it relates to ontologies and reasoning

- Collaboration
- Sensor systems
- Infrastructure protection
- Predictive analysis
- Decision making
- Information sharing

Requirements and Compensation

Accepted tutorials must have a minimum of five registered participants. At least one of the submitting authors must be a registered STIDS conference participant committed to being an instructor of the proposed tutorial. Instructors will be compensated sixty percent of the tutorial fees for full-day tutorials, or thirty percent of tutorial fees for half-day tutorials. Forty percent of tutorial fees will be used for catering.

Submission Instructions

Proposals are accepted in electronic format only (Adobe PDF recommended). They should be one to three pages in length and must include:

- The tutorial title
- A description including the learning objectives and a short summary of the material to be presented
- The intended audience
  - o Expertise level (beginner, intermediate, or advanced)
  - o Strategic, or technical focus
- Prerequisites for the background knowledge of the participants
- A short biography of the instructor

Submit proposals via email to stids2016@c4i.gmu.edu.

Important Dates

Sat, September 16	Proposal submission deadline
Fri, September 23	Acceptance notification
Fri, November 11	Presentations due
Wed, November 14	Tutorial Day
Thurs/Fri, November 15–16	Main Conference

Organizing Committee

General Chairs:	Paulo Costa, George Mason University
	Alessandro Oltramari, Bosch Research and Technology Center
Technical Chairs:	Ian Emmons, Raytheon BBN Technologies
	Kathryn Laskey, George Mason University
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We look forward to seeing you in Fairfax!