



Call for Tutorials

Tenth International Conference on Semantic Technology for Intelligence, Defense, and Security (STIDS 2015)

George Mason University, Fairfax, VA, USA
November 18–20, 2015

<http://stids.c4i.gmu.edu>

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The Tenth International Conference on Semantic Technology for Intelligence, Defense, and Security (STIDS 2015) will be held in November 2015 at Dewberry Hall in the Johnson Center on the George Mason University Fairfax campus. The main conference will be held Thursday and Friday, November 19–20, with a tutorial session on Wednesday, November 18 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 cyber-physical systems*. 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
- Collaboration
- Decision making
- Human factors and usability issues
- Information sharing
- Infrastructure protection
- Intelligence collection, analysis, and dissemination
- Predictive analysis
- Provenance, source credibility, and evidential pedigree
- Resiliency, risk analysis, and vulnerability assessment
- Sensor systems
- Spatial and temporal phenomena and reasoning
- Uncertainty as it relates to ontologies and reasoning

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
 - Expertise level (beginner, intermediate, or advanced)
 - Strategic, or technical focus
- Prerequisites for the background knowledge of the participants
- A short biography of the instructor

Submit proposals via email to stids2015@c4i.gmu.edu.

Important Dates

Fri, October 9	Proposal submission deadline
Fri, October 16	Acceptance notification
Fri, November 14	Presentations due
Wed, November 18	Tutorial Day
Thurs/Fri, November 19–20	Main Conference

Organizing Committee

General Chairs:	Paulo Costa, George Mason University Alessandro Oltramari, Carnegie Mellon University
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We look forward to seeing you in Fairfax!