

FINAL CALL FOR PAPERS

International Symposium on Foundations of Open Source Intelligence and Security Informatics

FOSINT-SI 2013 (see <http://fosint-si.cpsc.ucalgary.ca>)

Niagara Falls, Canada, August 26-27, 2013

In conjunction with ASONAM 2013 (see <http://asonam.cpsc.ucalgary.ca>)

Niagara Falls, Canada, August 25-28, 2013

For paper submission: <https://www.easychair.org/conferences/?conf=fosintsi2013>

Terrorism and crime threaten the international community and our society more than ever before. Criminal networks and terrorist groups that often operate globally try to hide their illegal activities by using advanced information and communications technology. They communicate easier and form global communities that are hard to track. Fortunately, resources like social media, event logs, phone call logs, web logs, and other time series data, constitute a rich source for knowledge discovery. There is a serious need for innovative techniques and tools capable of achieving the ultimate goal of early warning to help detecting, identifying and neutralizing the source of a threat. Motivated by this need with high social impact, research related to open source intelligence and security informatics is gaining momentum in academia, industry, law enforcement and intelligence agencies. Developing effective knowledge discovery methods, techniques and tools to combat crime and terrorism requires coordinated and intensified collaborations across these communities. The aim of the FOSINT-SI Symposium is to provide a unique international forum for academic researchers, government professionals and industrial practitioners to socialize, share their ideas, and exchange their data, knowledge, and expertise.

Topics: FOSINT-SI 2013 invites research submissions on all topics related to the foundations of open source intelligence and security informatics, including but not limited to those listed below:

- *Command and Control
- *Consumer and corporate related security politics and behavioral analysis
- *Criminology and Terrorism
- *Cyber-crime detection and analysis
- *Dark Web
- *E-commerce and security
- *FOSINT Case Studies
- *Fraud Detection
- *Geographical and temporal analysis of crime patterns and security informatics
- *Infrastructural bioterrorism analysis
- *Investigative Data Mining
- *Media Content Mining
- *Multi-agent systems for intelligence in security
- *Multilingual data integration and analysis
- *Multinational and Global Networks
- *News Analysis and Visualization
- *News Monitoring
- *Online Personalization and Recommendation System
- *Online and offline Integration of Intelligence Data
- *Privacy and Legal Issues
- *Security Intelligence Case Studies
- *Social Media Analysis
- *Social Network Analysis for Suspect identification

- *Structural and Contextual Web Analysis
- *Surveillance of public/corporate sentiment
- *Visualization of intelligence systems for information sharing
- *Web Dynamics
- *Web Content Mining
- *Web Harvesting
- *Web Usage Mining
- *Web Structure Mining

Submission Guidelines:

We welcome all submissions reporting original and unpublished research papers written in English and pertaining to the above topics. Three categories of submissions will be accepted: full papers up to 8 pages, short communications up to 4 pages, and abstracts up to 2 pages, all in IEEE two-columns format. Submissions should include the title, author(s), affiliation(s), e-mail address(es), tel/fax numbers, abstract, and postal address(es) on the first page. Papers should be submitted online using the symposium Online Submission System(<https://www.easychair.org/conferences/?conf=fosintsi2013>).

Paper submission implies one of the authors must register and attend the symposium to present the paper. Participants in FOSINT-SI 2013 will enjoy free access to the full program of ASONAM 2013 and all the accompanying symposiums. All papers accepted by FOSINT-SI 2013 will appear in the proceedings which will be published by IEEE CPS, and hence all the rules and regulations of IEEE CPS will be applied (as explained at <http://www.computer.org/portal/web/cscps/policies>).

Selection Criteria:

Papers will be thoroughly reviews by experts in the field and will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Further, authors should certify that their submissions contain substantially new and previously unpublished research.

Papers will be refereed and appear in the conference proceedings, which will be published by IEEE Computer Society. A selection of best papers will be recommended for publication in special issues of scientific journals, or as an edited book published by Springer.

Important Dates:

May 31, 2013 Paper submission deadline (**extended**)
June 30, 2013 Acceptance Notification
July 10, 2013 Camera-ready paper due
July 10, 2013 Presenting authors registration due
August 25-28, 2013 Conference events

Honorary Co-Chairs:

Patricia L. Brantingham, Simon Fraser University
Kivanç Dinçer, HAVELSAN

General Co-Chairs:

David Skillicorn, Queen's University
Triant Flouris, Hellenic American University

Program Co-Chairs:

Zeki Erdem, TUBITAK
Uwe Glässer, Simon Fraser University
Daniel Zeng, University of Arizona