

CALL FOR PAPERS

EuroISI 2008

European Conference on Intelligence and Security Informatics

Esbjerg, Denmark, December 3-5th, 2008

Organized by

Aalborg University Esbjerg



in collaboration with

Joint Research Centre, European Commission

University of Arizona

IEEE Systems Man and Cybernetics Society

www.euroisi.org

Intelligence and Security Informatics (ISI) is a multidisciplinary science encompassing methodologies, models, algorithms, and advanced tools for intelligence analysis, homeland security, terrorism research as well as security-related public policies. EuroISI 2008 is the first European edition of the series of ISI symposiums being held annually in the US since 2003 and more recently in Asia. These meetings gather together people from previously disparate communities to provide a stimulating forum for exchange of ideas and results. We invite to this meeting academic researchers (in information technologies, computer science, public policy, and social and behavioral studies), law enforcement and intelligence experts, as well as information technology companies, industry consultants and practitioners in the fields involved. EuroISI 2008 will be held in Esbjerg, Denmark. **The proceedings of EuroISI 2008 will be published by Springer in the Lecture Notes in Computer Science series.**

Important Dates:

Conference submissions due: August 15th, 2008

Notification of acceptance: September 1st, 2008

Camera-ready copy due: September 15th, 2008

For submission details visit the conference web site at: www.euroisi.org

Topics of interest include, but are not limited to:

I. Data/Text Mining, Computational Intelligence and Security Informatics

- Intelligence-related knowledge discovery
- Computer or cybercrime investigations and digital forensics
- Criminal data mining and network analysis
- Criminal/intelligence information sharing and visualization
- Web-based intelligence monitoring and analysis
- Applications of digital library technologies in intelligence data processing, preservation, sharing, and analysis
- Information extraction for Intelligence
- Soft/Granular computing and computational intelligence techniques in intelligence and security informatics
- Cryptographic techniques in security informatics
- Agents and collaborative systems for intelligence sharing
- HCI and user interfaces of relevance to intelligence and security
- Cybercrime detection and analysis
- Authorship analysis and identification
- Spatio-temporal data analysis and GIS for crime analysis and security informatics.
- Deception and intent detection
- Information sharing policy and governance
- Privacy and civil liberties issues
- Intelligence-computerized community security and surveillance systems

II. Infrastructure Protection and Emergency Responses

- Cyberinfrastructure design and protection
- Intrusion detection
- Bio-terrorism tracking, alerting, and analysis
- Bio-terrorism information infrastructure
- Transportation and communication infrastructure protection
- Border/transportation safety
- Emergency response and management
- Disaster prevention, detection, and management
- Communication and decision support for search and rescue
- Decision support systems for real-time/near real-time security-related events
- Assisting citizens' responses to terrorism and catastrophic events
- Computer forensics and crime lead discovery
- Anti-fraud information technology

III. Terrorism Informatics

- Terrorism related analytical methodologies and tools
- Terrorism knowledge portals and databases
- Terrorist incident chronology databases
- Terrorism root cause analysis
- Social network analysis (radicalization, recruitment, conducting operations), visualization, and simulation
- Forecasting terrorism, countering terrorism
- Measuring the impact of terrorism on society
- Measuring the effectiveness of counter-terrorism campaigns