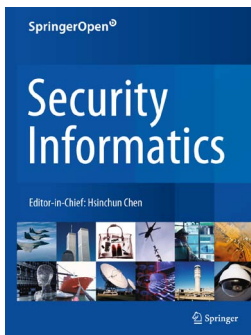


# Security Informatics

## Special Issue on Computational Criminology

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Crime is being best understood as part of a complex human/social system. Computational Criminology is an emerging interdisciplinary field using computational methods and mathematical models in advanced studies of crime and other forms of illegal and harmful activities up to the extremes of terrorism. International research in computational criminology - where crimes are studied that range from opportunistic shoplifting to violent serial murders - shows promising indications of the enormous potential value of a mathematical and informatics perspective in crime analysis, criminal investigations and predictive policing. We live in complex and dynamic urban surrounds. There is a strong need for better ways to respond to crime and to understand the linkage between terrorism, organized crime, gang activity, chronic offending and fear and public safety. We invite high quality submissions on all aspects of this theme, including:

- ▶ Methods for modeling and testing theories of criminal activity from everyday crime to terrorism
- ▶ Mathematical models and computational methods/tools for the study of spatial and temporal dynamics of crime and terrorism while looking at the incidents, offenders, and how the physical and social environment shape patterns
- ▶ Special studies on organized crime, terrorist groups and their criminal networks
- ▶ Co-offending network analysis
- ▶ Analyses of the dynamics of gang behaviors, recruitment, and spatial extent
- ▶ Mining of crime, offender and criminal justice system data with some orientation towards its value in theory testing, policy analysis, predictive policing and investigation

### Submission Schedule

- ▶ **Submissions Due:**  
January 15, 2012
- ▶ **Notification of Authors:**  
March 15, 2012
- ▶ **Submission of Final Manuscripts:**  
April 30, 2012
- ▶ **Special Issue Appears in**  
Mid 2012

### Submission Instructions:

Authors should adhere to formatting guidelines for Security Informatics and submit their manuscript electronically to [security-informatics.com](http://security-informatics.com). They should specify that the submission is intended for the "Special Issue on Computational Criminology" in the cover letter. Without such specification, submissions will be considered as a regular submission. All submissions will undergo initial screening by the Guest Editors for fit to the theme of the Special Issue and prospects for successfully negotiating the review process.

#### Guest Editors

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