Security Informatics
Thematic Series on Information Visualization and Visual Analytics for Crime Analysis and Prediction

Information visualization techniques have been used to visualize spatiotemporal crime data for numerous analysis and investigative purposes. Recent applications of visual analytics techniques on big crime data help crime analysts to discover crime patterns and predict future crimes. New visualization techniques are also suggesting new ways of exploring crime data. Many law enforcement and intelligence experts are interested in these visualization techniques for their practical use. There have been many compelling research studies in these areas, presented in past intelligence and security informatics/computational criminology conferences. This thematic series on “Information Visualization and Visual Analytics for Crime Analysis and Prediction” is organized to foster this growing interest.

Topics include, but are not limited to the following:
• Spatiotemporal crime visualization and analysis
• Geospatial crime hotspot visualization and analysis
• GIS visualization techniques for crime mapping
• Interactive investigation visualization/visual analytics tools for spatiotemporal crime analysis
• Collaborative and distributed visualization for multiple crime analysts
• Detecting crime patterns and predictions using visual analytics on big crime data
• Interactive information dashboards for crime analysts
• 3D visualization/animation/simulation for crime data exploration and analysis
• Virtual reality and augmented reality techniques for crime data visualization
Submission instructions
Before submission, authors should carefully read over the Instructions for Authors, which are located at security-informatics.com/authors/instructions. Prospective authors should submit an electronic copy of their complete manuscript through the SpringerOpen submission system at security-informatics.com/manuscript according to the submission schedule. They should choose the correct thematic series in the “sections” box upon submitting. In addition, they should specify the manuscript as a submission to the “Thematic Series on Information Visualization and Visual Analytics for Crime Analysis and Prediction” in the cover letter.

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Submission schedule
Submission deadline: March 1, 2014
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