Crime Prevention, Detection and Investigation Using Digital Evidence and Artificial Intelligence

Guest Editors:

Prof. Dr. Sule Yildirim Yayilgan
Department of Information Security and Communication Technology, Norwegian University of Science and Technology, 2815 Gjøvik, Norway

Dr. Edlira Kalemi Vakaj
Department of Computing and Data Science, College of Computing, Birmingham City University, Millennium Point, 1 Curzon Street, Birmingham B4 7XG, UK

Deadline for manuscript submissions:
closed (31 August 2021)

Message from the Guest Editors

Dear Colleagues,

There are numerous social networks such as Facebook, LinkedIn, Google Plus and Twitter and an abundance of valuable information in the form of chat text, images, videos, networking graphs of individuals, etc., which can be used to prevent, detect and solve crimes. [...] Ontologies and knowledge graphs, semantic similarity, text mining and other Artificial Intelligence approaches are useful for such purposes. It is possible to benefit from ontologies and knowledge graphs in different ways: intelligence gathering, reasoning over data, smarter searches and comparisons, open data publication purposes and the overall management of the crime solving and prevention process. In this Special Issue, we are looking for contributions that provide innovative methodologies, techniques, tools, approaches and insights into representing and reasoning with crime information. Keeping the chain of custody for all types of digital evidence and authenticating it in order to be admitted in court is also important to provide solutions. Biometrics, GDPR, data privacy issues, ethics and the legal aspects of crime prevention, detection and investigation are also of interest.

Special Issue

Editor-in-Chief

Prof. Dr. Raimondo Schettini
Department of Informatics, Systems and Communication, University of Milano-Bicocca, viale Sarca, 336, 20126 Milan, Italy

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

Author Benefits

Open Access:— free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, dblp, Inspec, Ei Compendex, and other databases.
Journal Rank: CiteScore - Q1 (Computer Graphics and Computer-Aided Design)

Contact Us