RISS 2020

3rd International Workshop on Research & Innovation for Secure Societies

@ 25th International Conference on Pattern Recognition - ICPR

Milan, Italy, 13-18 September, 2020

http://campus.pub.ro/RISS2020/

https://easychair.org/conferences/?conf=riss2020

*** Call for papers ***

* Paper submission due: June 15th, 2020

* Acceptance notification: July 15th, 2020

* Camera-ready papers due: July 30th, 2020

* Workshop @ ICPR 2020: September 13th or 18th, 2020

High expansion of urban population and recent world events complemented by the alarming increase of the number of threats to infrastructure safety have mobilized Authorities to redesign societal security concepts. Law Enforcement Authorities are focusing and aiming consistently their actions at preventing crimes and protecting people, properties and critical infrastructures.

With the accelerated advances of communications and storage technologies, access to critical information acquired from various sensors and sources, e.g., land cameras, satellite data, drones, personal devices, has been significantly eased. Manipulation and processing of such high amount of diverse data is still a steady challenge, and most of the existing solutions involve the use of human resources. However, threats are now at a very large scale, requiring very different security solutions which are able to make use of interdisciplinary approaches. In this context, computer-assisted or automated technologies are now becoming more and more attractive to substitute expensive human resources in the decision systems.

RISS 2020 focuses on discussing solutions provided by Artificial Intelligence (AI) systems to the aforementioned challenges. It aims to bring together researchers from academia and industry, end-users, law-enforcing agencies and citizen groups to share experiences and explore multi- and inter-disciplinary areas where additional research and development are needed, identify possible collaboration and consider the societal impact of such technologies.

Authors are invited to submit original, previously unpublished work, reporting on novel and significant research contributions, on-going research projects, experimental results and recent developments related to AI for Secure Societies on the following topics (but not limited to):

- Computer vision (e.g., crowd monitoring, scene understanding)

- Multimedia information retrieval (e.g., indexing, searching and browsing, Big Data)

- Information fusion from various sensors (e.g., visual, infrared, depth, sound)

- Machine learning (e.g., very large-scale deep learning, neural networks)

- Embedded systems, IoT, and low energy footprint computing

- Social media, cybercrimes and fake news

- Surveillance systems and interactive solutions

- Forensics and crime scene reconstruction

- Unmanned aerial, terrestrial, underwater vehicles and robots

- Biometric systems and algorithms (e.g., body, fingerprint, gesture, voice recognition)

- Case studies, practical systems and testbeds

- Ethics, data protection, privacy protection, civil liberties and social exclusion issues

- Benchmarking, evaluation and data sets

*** Submission guidelines ***

RISS 2020 follows a single-blind review process, therefore authors are required to include their names and affiliations in their papers. All papers will be peer reviewed single-blind. Authors are requested to adhere to the IAPR Ethical Requirements when submitting their contributions. Workshop proceedings will be published with Springer and submissions should be formatted using the provided Springer templates. Accepted paper length is from 12 to 15 pages. To submit your contribution, follow the link https://easychair.org/conferences/?conf=riss2020.

*** Organizing committee ***

Bogdan Ionescu, University Politehnica of Bucharest, Romania

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