Special Session on
Information Security, Cybersecurity and Digital Forensic

at
Word Congress on Information and Communication Technologies
(WICT 2021)
on
World Wide Web
December 15-17, 2022

http://www.mirlabs.net/wict22/

Objectives and Scope

Information security and cybersecurity play a key role in the management of organizations in general, as they deal with the confidentiality, privacy, integrity, and availability of one of their most valuable resources: data and information.

Criminal activity is present in a multiplicity of illegal actions in several domains, in which electronic equipment is highly effective in terms of disseminating and storing relevant information related to a crime and its actors. Smartphones, laptops, and desktops are among the most seized devices, from where a plethora of data and information need to be extracted and analyzed during criminal investigation. When a cyberattack takes place in the enterprise information system, the analysis and collection of digital artifacts is crucial to understand the origins, motivations, and impact of the malicious activities.

To deal with the amount of assets being protected and their high variety and heterogeneity, organizations have adopted a wide set of techniques, tools, and methodologies to implement cybersecurity and digital forensics processes.

The quality of techniques, methodologies and tools employed in cybersecurity and digital forensics may dictate the speed and efficiency of the criminal investigation, the security of the assets, and, consequently, business continuity. We invite high quality contributions from all research areas that address the emerging challenges in information security, cybersecurity and digital forensics.

This special session will focus on exploring contributions regarding cybersecurity best practices in companies, with focus on Small and Medium-sized Enterprises (SME). It also aim to present tools, techniques, and case studies related to digital forensics.

Subtopics

The topics include, but are not limited to:

- Information security
- Cybersecurity auditing
- Cybersecurity and information security compliance
- Cybersecurity governance and regulations
- Cyber situational awareness
- Automotive digital forensics

- Anti-forensics
- Chip-off forensics
- Computer forensics and law
- Database digital forensics
- Digital forensics for cybersecurity
- Digital forensics incident response

Paper Publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago) https://www.springer.com/series/15179
- Papers maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324

Important Dates

Paper submission due: September 30, 2022
Notification of paper acceptance: October 31, 2022
Registration and Final manuscript due: November 10, 2022
Conference: December 15-17, 2022

Special Session Chair

- Mário Antunes, Polytechnic of Leiria, Portugal

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