



Information and Communication Technologies
in Organizations and Society
Smart Technologies for an inclusive world
Paris, October 1st and 2nd, 2020



Track Proposal for ICTO2020

TRACK: Cybersecurity and ICT for Defense

TRACK co-CHAIRS

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Overview of the Cybersecurity Track

Cybersecurity has become the leading edge for every organization and individual to understand, implement, and develop. ICTO's security track is dedicated to helping organizations understand and manage today's threats to cultivate business while preventing threats and responding to security challenges that arise. The track aims at creating knowledge, executing research, nurturing subject matter, recognizing attacker tools, tactics, and procedures to identify indicators of compromise (IOCs), threat vectors and countermeasures by bringing world renowned speakers, researchers, industry leaders together for keynotes, debates, research exposure and breakout sessions. Also the track's trajectories are to equip information security professionals and employees with the recent approaches involved in the threat intelligence life cycle to gain Knowledge of Security Operation Center (SOC) processes, and workflows.

INDICATIVE LIST OF TOPICS

The following topics are not intended to be exhaustive but are of interest to the cybersecurity track:

- Wireless and Home Network Security
- Social Media Security
- Cloud Security
- Mobile Device Security
- Credit Card Security, Email Hoaxes and Social Engineering Attacks
- Malware and Backdoors Analysis

- Data Protection and Disaster Recovery
- Cyber Security Defense Analysis
- Payload Customization and Exploits Writing
- Threat Intelligence Planning
- Network and Website Penetration Testing and Vulnerability Analysis
- Threat and Exploitation Analysis
- Security Risk Assessment, Control and Audit Management
- AI in Security and Defense
- Cryptography and Cryptanalysis
- Secure Coding
- IoT Security
- Cyber Security Liaison with legal and regulatory bodies
- Data Acquisition and Forensics Analysis
- Logging and Monitoring
- Cryptographic Attacks, and Authentication and Authorizations Techniques
- Cybersecurity Awareness Through Gamification Modules to prevent Phishing, Vishing and Smishing Attacks

IMPORTANT DATES

- Paper Submission Opens: **April 1st, 2020**
- Paper Submission Deadline: **June 15th, 2020**
- Authors Notification: **July 31st, 2020**
- Final Submission: **August 31st, 2020**
- Conference Dates: **October 1-2, 2020**

PAPER SUBMISSION GUIDELINES

Authors should submit original, unpublished research papers. All accepted papers will be published in a volume of the Springer Scopus indexed LNISO. Submissions should not be under consideration for any other conference or journal outlet. Submission of papers in PDF format is via EasyChair.

<https://easychair.org/conferences/?conf=icto2020>