

Call for Contributions

Inform the Chair: with the Title of your Contribution

Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICDS+2017+Special>

Please select Track Preference as **CYBHAND**

Special track

CYBHAND: Cyber Incident Response Handling and Investigations

Chair and Coordinator:

Senior Lecturer, Dr. Syed Naqvi, Cyber Security & Forensics / Birmingham City University, UK

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along with

ICDS 2017, March 19 - 23, 2017 - Nice, France

The Eleventh International Conference on Digital Society and eGovernments

<http://www.iaria.org/conferences2017/ICDS17.html>

The ever-increasing size and scope of the Cyberspace is making Cybercrime investigations a complex task requiring good appreciation of a number of domains. The objective of this special track is to bring stakeholders of Cyber Incident Response and Investigations from different backgrounds to share their experiences in addressing the specific issues of Cyber Incident Management.

A holistic view is needed to solve the jigsaw puzzle of Cyber Investigations. Bottom-up approaches are equally important to improve investigation processes and develop rigorous underlying techniques. The processes and techniques of each discipline should be able to coexist with their counterparts from other disciplines and they need to be adaptive and responsive to specific case requirements. This interactive session will provide an opportunity to discuss the most challenging issues faced by the Cyber Firefighters in their respective roles and how their work can be supported by the different stakeholders.

A range of contribution types will allow the participants to actively involved in the session irrespective of the maturity level of their work. Participants with established results will find this platform useful to get their results integrated in the bigger picture of Cyber Incident ecosystem. Other participants will find it valuable to get feedback of other stakeholders on their ongoing work.

Expanded set of topics:

- Organizational issues
 - *Security operations centre (SOC) for dealing with Cyber incidences*
 - *Policies and procedures to support Cyber Incident Investigations*
 - *Standardization and accreditation of Cyber Incident Handling*
 - *Business implications and economic impact analysis*

- Technical issues
 - *New algorithms for efficient Cyber Forensic searches and events correlation*
 - *Digital Forensic analysis of modern infrastructures, systems and applications (Clouds, Industrial Control Systems, IoT/IoE, Big Databases, etc.*
 - *Cryptography and virtual currencies forensic*
 - *Anti-forensics*

- *Efficient triage techniques*
- Legal and regulatory issues
 - *Application of privacy laws and the rules of evidence in Cyberspace*
 - *Best practices for dealing with the global dimension of Cybercrime*
 - *Implications of GDPR (General Data Protection Regulation) in Cyber investigations*
 - *Litigation support and Cyber Forensics*
- Social issues
 - *Psychology of Cybercriminals*
 - *Detection and prediction of Cyber incidents*
 - *Community support in Cyber Incident Investigations*
 - *Policing and Cyber Incident Response Handling*

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: ~~January 15~~ **February 10**
- Notification with comments for camera-ready: ~~February 5~~ **February 20**
- Registration: ~~February 20~~ **March 1**
- Camera ready: ~~February 25~~ **March 1**

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaaria.org]
- Presentations: slide only [slide-deck posted on www.iaaria.org]
- Demos: two pages [posted on www.iaaria.org]

Paper Format

- See: <http://www.iaaria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaaria.org/registration.html>

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