



The 2019 (15th) International Conference on Data Science (ICDATA)

(former International Conference on Data Mining, DMIN;
merged with ABDA, Int. Conf. on Advances on Big Data Analytics)

<https://icdata.org>

July 29-August 1, 2019, Luxor (MGM), Las Vegas, USA

Part of CSCE'19

<https://www.americancse.org/events/csce2019>

Call for Papers

Special Session on Data Science for Cybersecurity

Organizers:

- Thaier Hayajneh, Ph.D., Director and Founder of the Fordham Center of Cybersecurity, thayajneh@fordham.edu
- Alessandro Baccarini, Graduate Research Assistant, abaccarini@fordham.edu

Thematic Calls:

In recent years, the amount of data produced across all disciplines has increased exponentially. While providing troves of valuable information, the risk of exposure to potential attacks and data loss has followed this growth. As a result, there is increasing demand to develop security analysis techniques to predict and mitigate various attacks. The goal of this interdisciplinary session is to provide a platform for data mining practitioners and cybersecurity experts to collaborate and discuss the overlap of applications, issues, and challenges.

Topics of interest include, but are not limited to, the following:

- Internet of Things (IoT) security
- Biometric authentication
- Intrusion Detection
- Penetration Testing
- Wireless networking
- Cloud computing
- Threat modeling

Challenges to be addressed include but are not limited to:

- Analyzing large quantities of packet captures
- Managing large-scale IoT networks
- Securing biometric data
- Blockchain transaction analysis
- Enterprise security applications

Submission: All manuscripts should be submitted via the standard online submission process for ICDATA conference. Please have a look at the [ICDATA website](#) and in particular at the info on submissions.

During the submission process, please select the track: '**DSCS - Special Session (Data Science for Cybersecurity)**'.

Publication: All accepted papers will be published in printed conference proceedings (with international ISBN number). Selected high quality papers accepted and presented at the conference will be invited for an extended publication in a journal (for example as in the past in the Annals of Informations Systems, Springer).

Date and Venue: The special session will be held at the ICDATA'19, July 29–August 1, 2019 at the Luxor (MGM) in Las Vegas, Nevada, USA.

Questions: In case of further questions or assistance, please contact the special session organizers via thayajneh@fordham.edu and/or abaccarini@fordham.edu or the ICDATA conference organizers via chair@icdata.org.