



## CALL FOR PAPERS

**Extended** Paper Submission Deadline: **April 25, 2020**

## The 2020 (16th) International Conference on Data Science (ICDATA)

<https://icdata.org>

July 27-30, 2020, Luxor (MGM), Las Vegas, USA

Part of CSCE'20

<https://www.americancse.org/events/csce2020>

**Non-Attendance Policy due to Coronavirus/COVID-19** – please see info at  
[https://americancse.org/events/csce2020/non\\_attendance\\_policy](https://americancse.org/events/csce2020/non_attendance_policy).

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## 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](mailto:thayajneh@fordham.edu)

Andrew Johnston, Lead Technologist, Booz Allen Hamilton,  
[Johnston\\_Andrew@bah.com](mailto:Johnston_Andrew@bah.com)

#### **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 science practitioners and cybersecurity experts to collaborate and discuss the overlap of applications, issues, and challenges. Applications of data science to cybersecurity are of primary interest.

Topics of interest include but are not limited to:

- 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: '**DSCYBER - Special Session (Data Science for Cybersecurity)**'.

**Publication:** All accepted papers will be published by Springer Nature - Book Series: Transactions on Computational Science & Computational Intelligence, <https://www.springer.com/series/11769>

**Date and Venue:** The special session will be held at the ICDATA'20, July 27–30, 2020 at the Luxor (MGM) in Las Vegas, Nevada, USA.

**Questions:** In case of further questions or assistance, please contact the special session organizers via [hayajneh@fordham.edu](mailto:hayajneh@fordham.edu) or [Johnston\\_Andrew@bah.com](mailto:Johnston_Andrew@bah.com) or the ICDATA conference organizers via [chair@icdata.org](mailto:chair@icdata.org).