CALL FOR PAPERS

Paper Submission Deadline: March 24, 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

Call for Papers

Special Session on
Healthcare Informatics

Organizers: Yijun Zhao, Assistant Professor, Fordham University, NY, USA,
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                   Ruhul Amin, Assistant Professor, Fordham University, NY, USA,
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Thematic Calls:

This special session invites submission on novel methods for exploring and analyzing healthcare data. Submissions may also report studies on ensuring the quality and integrity of the healthcare data. Research contributions that address the challenges of healthcare efficiency, eHealth, patient safety, system reliability, data confidentiality, human machine interface (HMI), and cost management are of particular interest. Studies involving design, development and evaluation of tools to ameliorate deficiencies or prevent adverse events in healthcare are welcome.

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

- Biomarker discovery and validation
- Disease profiling and precision medicine
- Clinical phenotyping
- Wearable heath technologies
- Health risk evaluation and modeling
- Natural language processing and text mining on electronic health records
- Machine/deep learning in healthcare
- Big data analytics in healthcare informatics
- eHealth
- Empirical studies of health-related information
- Healthcare data standardization and security technology
- Design, implementation and evaluation of health information systems
- Hospital management systems

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: **'HCI - Special Session on Healthcare Informatics'**.

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 yzhao11@fordham.edu or mamin17@fordham.edu or the ICDATA conference organizers via chair@icdata.org.