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 Real-World Data Mining
Applications, Challenges, and Perspectives

Extended Deadline for Draft Submission: April 26, 2019

<u>**Organizer**</u>:   Mahmoud Abou-Nasr, Adjunct Faculty at the University of Michigan Dearborn,
CIS Department (Computer & Information Systems), abounasr@umich.edu

<u>**Thematic Calls**</u>:

The past decade has witnessed a vast growth of the amount of data produced and the proliferation of specialized databases in a wide range of business, industrial, medical and scientific applications. Data mining is becoming an increasingly important tool in the process of knowledge discovery and the transformation of data into valuable information. The objective of this special session is to provide a forum for the data mining researchers and industrial practitioners to discuss data mining applications, issues, and the challenges that arise when addressing real-world problems.

Topics of interest include, but are not limited to, the following:
- Enterprise knowledge management/knowledge discovery
- Corporate Planning
- Direct Marketing
- Credit scoring
- Forecasting
- Automotive applications
- Medical decision making, diagnostics
- Bioinformatics
- Text- and image recognition

Challenges to be addressed include but are not limited to:
- Highly skewed data sets
- Massive and high dimensional data sets
- Non-stationary data
- Unknown misclassification costs
- Missing and noisy data
- Business process issues

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: **'RWACP - Special Session (Real-World Data Mining & Data Science Applications, Challenges...)'**.

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 (e.g., in a special issue of the *International Journal of Service Science, Management, Engineering and Technology* (indexed by JournalTOC, INSPEC, DBLP, Cabell's, Ulrich's, and others).

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 organizer via abounasr@ieee.org or the ICDATA conference organizers via chair@icdata.org .