

**The Ninth IEEE International Workshop on Data Integration and Mining (DIM-2020)  
in conjunction with  
IEEE 21<sup>st</sup> International Conference on Information Reuse and Integration for Data Science  
(IRI-2020)  
Las Vegas, NV, USA  
August 11 - 13, 2020**

The focus of this workshop is associated with data integration and mining requirements and services due to the large-scale generation of social, sensor, mobile, networking, and other types of data stored in various data repositories, such as databases, data warehouses, and Web. However, how to integrate those data resources with different structures or ontologies to enable effective learning and discovery of useful knowledge is still one of the most significant challenges. Moreover, the recent progress on new devices and platforms makes it possible to build new data integration and mining tools/applications for new available data formats and multi-model interaction systems that enable automatic data representation, analysis, and delivery. This also attracts increasing attentions from some specific domains, such as bioinformatics, multimedia, finance, healthcare, marketing, telecommunications and insurance. The aim of this workshop is to provide a forum for original high-quality research contributions on data integration and mining techniques and applications, as well as multidisciplinary research opportunities.

Topics of interest include, but are not limited to, practical areas that span a variety of aspects of data integration and mining including

- Large-scale data integration, mining and visualization
- Big data analytics and real-time analysis
- Recommender systems
- Metadata integration and management
- Data security and privacy
- Social media data analysis and computing
- Web-scale data mining and semantic discovery
- Network data integration and delivery
- Data filtering and cleaning
- Data integration environments and applications
- Data models, schemas and ontologies
- Database integration systems
- Data management and analysis in specific application domains

### **SUBMISSIONS**

Authors are invited to submit a paper up to 8 pages (in English) in double-column IEEE format following the submission guidelines available at the IRI-2020 web page ([http://homepages.uc.edu/~niunn/IRI20/submit\\_instruction.html](http://homepages.uc.edu/~niunn/IRI20/submit_instruction.html)). Papers must be original and not submitted to or accepted by any other conference or journal. An electronic version (PDF format) of the full paper should be submitted directly via email to the Workshop Chair ([s.sadiq@miami.edu](mailto:s.sadiq@miami.edu)) with the Subject “**IEEE DIM Paper Submission**”. All submissions will be acknowledged.

Each paper will be peer reviewed by at least three experts in the topical area. Papers accepted by the workshops will be published in the conference proceedings published by IEEE Computer Society Press. Outstanding papers will be selected for extension and publication in the International Journal of Multimedia Data Engineering and Management (IJMDEM).

### **IMPORTANT DATES**

[http://rvc.eng.miami.edu/iri\\_dim20/important\\_dates.html](http://rvc.eng.miami.edu/iri_dim20/important_dates.html)