The Twenty Seventh International Conference on

**Software Engineering and Data Engineering**

***October 8-10, 2018***

***Holiday Inn Downtown Superdome, New Orleans, LA, USA***

Sponsored by



International Society for Computersand their Applications

**The Twenty Second International Conference On**

**Software Engineering and Data Engineering**

The 27th SEDE Conference is interested in gathering researchers and professionals in the domains of Software Engineering and Data Engineering to present and discuss high-quality research results and outcomes in their fields. SEDE 2018 aims at facilitating cross-fertilization of ideas in Software and Data Engineering, and hence especially encourages high-quality research integrating both domains.

The conference encourages research and discussions on topics including, but not limited to:

* Requirements Engineering for Data Intensive Software Systems
* Software Verification and Model of Checking
* Model-Based Methodologies
* Software Quality and Software Metrics
* Architecture and Design of Data Intensive Software Systems
* Software Testing
* Service- and Aspect-Oriented Techniques
* Adaptive Software Systems
* Information System Development
* Software and Data Visualization
* Development Tools for Data Intensive
* Software Systems
* Software Processes
* Software Project Management
* Applications and Case Studies
* Engineering Distributed, Parallel, and Peer-to-Peer Databases
* Cloud infrastructure, Mobile, Distributed, and Peer-to-Peer Data Management
* Semi-Structured Data and XML Databases
* Data Integration, Interoperability, and Metadata
* Data Mining: Traditional, Large-Scale, and Parallel
* Ubiquitous Data Management and Mobile Databases
* Data Privacy and Security
* Scientific and Biological Databases and Bioinformatics
* Social networks, web, and personal information management
* Data Grids, Data Warehousing, OLAP
* Temporal, Spatial, Sensor, and Multimedia Databases
* Taxonomy and Categorization
* Pattern Recognition, Clustering, and Classification
* Knowledge Management and Ontologies
* Query Processing and Optimization
* Database Applications and Experiences
* Web Data Management and Deep Web
* Software Engineering Education

SEDE 2018 is in conjunction with The 31st International Conference on Computer Applications in Industry and Engineering (CAINE 2018). Proceedings will be indexed in **Scopus**, **EI**, **INSPEC**, and submitted to **DBPL** for indexing. One **Best Paper Award** will be awarded. High quality papers may be considered for publication in **International Journal of Computers and Their Applications (IJCA)**.

Submitted manuscripts should closely reflect the final paper as it will appear in the proceedings in ISCA format (See <http://isca-hq.org/Documents/sample-isca-manuscript-format.pdf>) with a maximum length of 6 pages (+2 pages with additional fees). More details about the conference can be found at the conference website (<https://www.cse.unr.edu/SEDE/>) and the ISCA website ([http://www.isca-hq.org](http://www.isca-hq.org/))

**Conference Chair**

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**Important Dates**

~~May 31, 2018~~ June 30, 2018 Paper Submission Deadline

~~July 15, 2018~~ July 31, 2018 Notification of Acceptance

~~August 15, 2018~~ August 20, 2018 Pre-Registration and Camera-Ready Manuscript

October 8-10, 2018 SEDE 2018 Conference