The International Conference on Compute and Data Analysis (ICCDA), is an annual conference held each year in United States. It is an international forum for academia and industries to exchange visions and ideas in the state of the art and practice of compute and data analysis.

The previous edition of ICCDA was held in Florida Polytechnic University, Lakeland, Northern Illinois University (NIU) DeKalb and University of Hawaii Maui College, Kahului. The ICCDA 2020 conference will be located in International Technological University, USA, in Silicon Valley, San Jose.

We will be thankful for the contributions to ICCDA series. We look forward to your participation and continued engagement at future ICCDA conferences.

*Conference Proceedings*

Accepted Papers (Full Paper) will be published in the International Conference Proceedings Series by ACM, which will be archived in the ACM Digital Library, and indexed by EI Compendex, Scopus, and submitted to be reviewed by Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science).

*Conference History*

ICCDA 2019
University of Hawaii Maui College, Kahului, USA, March 14–17, 2019.

ICCDA 2018
Northern Illinois University (NIU) DeKalb, USA, March 23–25, 2018

ICCDA 2017
Florida Polytechnic University, Lakeland, USA, May 19–23, 2017

ICCDA 2019 papers published by ACM (ISBN:978-1-4503-6634-2) has been online and indexed by EI. Online in Xplore: http://dl.acm.org/citation.cfm?id=3314545

Photos & more information, please refer to http://iccda.org/2019.html

ICCDA 2018 papers published by ACM (ISBN:978-1-4503-6359-4) has been online and indexed by EI&Scopus. Online in Xplore: https://dl.acm.org/citation.cfm?id=3193077.

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*Important Dates:*

Paper submission deadline: November 25, 2019
Notification of acceptance: December 15, 2019
Camera ready and Registration deadline: January 05, 2020
Workshop proposals deadline: January 30, 2020

*Call for Papers:*

Topics are interested but not limited to:

- Foundations
- Mathematical, probabilistic and statistical models and theories
- Machine learning theories, models and systems
- Knowledge discovery theories, models and systems
- Manifold and metric learning
- Deep learning
- Scalable analysis and learning
- Non-ldness learning
- Heterogeneous data/information integration
- Data pre-processing, sampling and reduction
- Dimensionality reduction
- Feature selection, transformation and construction
- Large scale optimization
- High performance computing for data analytics
- Architecture, management and process for data science
- Data analytics, machine learning and knowledge discovery
- Learning for streaming data
- Learning for structured and relational data
- Latent semantics and insight learning
- Mining multi-source and mixed-source information
- Mixed-type and structure data analytics
- Cross-media data analytics
- Big data visualization, modeling and analytics
- Multimedia/stream/text/visual analytics
- Relation, coupling, link and graph mining
- Personalization analytics and learning
- Web/online/social/network mining and learning
- Structure/group/community/network mining
- Cloud computing and service data analysis
- Storage, retrieval and search
- Data warehouses, cloud architectures
- Large-scale databases
- Information and knowledge retrieval, and semantic search
- Web/social/databases query and search
- Personalized search and recommendation
- Human-machine interaction and interfaces
- Crowdsourcing and collective intelligence

*Submission*

By Email: iccda_info@163.com
By Easy Chair: http://www.easychair.org/conferences/?conf=iccda2020

*Venue:*

International Technological University, USA
Silicon Valley, San Jose
Address: 2711 N 1st St, San Jose, CA 95134
website: https://www.itu.edu

2020 The 4th International Conference on Compute and Data Analysis
International Technological University, USA, in Silicon Valley, San Jose.

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*Contact:*

Ms. Maggie Lau
Email: iccda_info@163.com
Tel: +86 138 8010 4517
http://iccda.org/