

**CALL FOR PAPERS**  
**The 18th INFORMS Workshop on Data Mining and Decision Analytics**  
**October 14, 2023, Phoenix, AZ**  
**Organized by INFORMS Data Mining (DM) Society**

The Data Mining Society of INFORMS is organizing the 18th INFORMS Workshop on Data Mining and Decision Analytics in conjunction with the 2023 INFORMS Annual Meeting. You are cordially invited to join us and share your recent research work with peers from data mining, decision analytics, and artificial intelligence.

To participate, a full paper must be submitted before the deadline for consideration. The workshop committee also announces the best paper competition in both theoretical and applied research tracks. All accepted papers are automatically considered for the best paper competition in the chosen track. Suitable best papers and runner-ups will be recommended for fast-track submission to [INFORMS Journal on Data Science \(IJDS\)](#).

**Topics of interest** include, but are not limited to:

- Large-Scale Data Analytics and Big Data
- Interpretable Data Mining
- Simulation/Optimization in Data Analytics
- Network Analysis and Graph Mining
- Privacy & Fairness in Data Science
- Bayesian Data Analytics
- Healthcare Analytics
- Longitudinal Data Analysis
- Causal Mining (Inference)
- Anomaly Detection
- Deep Learning
- Emerging Data Analytics in Industrial Applications
- Analytics in Social Media & Finance
- Reliability & Maintenance
- Visual Analytics
- Web Analytics/Web Mining
- Text Mining & Natural Language Processing
- Ethics and Security in Data Mining
- Fairness in Machine Learning
- Data analytics to promote diversity, equity and inclusion (DEI)

**Timeline**

- June 1: Paper submission begin

- August 8: Paper submission close
- September 1: Final review decision
- September 14: Workshop on Data Mining and Decision Analytics registration deadline

### **Papers submission guideline**

- Maximum of 10 pages (including abstract, tables, figures, and references).
- Single-spacing and 11-point font with one-inch margins on four sides.
- Papers must be submitted via this [link](#). Late submission will not be considered for further review.
- **Copyright:** The DM workshop will not retain the copyrights on the papers; so, the authors are free to submit their papers to other outlets.

### **DM Workshop Co-Chairs**

- Ying Lin, Houston University, [ylin58@uh.edu](mailto:ylin58@uh.edu)
- Feng Liu, Stevens Institute of Technology, [fliu22@stevens.edu](mailto:fliu22@stevens.edu)
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