CALL FOR PAPERS
The 20th INFORMS Workshop on Data Mining and Decision Analytics
October 25, 2025, Atlanta, GA
Organized by the INFORMS Data Mining Society (DMS)

The Data Mining Society of INFORMS is organizing the 20th INFORMS Workshop on Data Mining and Decision Analytics (DMDA) on **October 25, 2025**, the day before the 2025 INFORMS Annual Meeting. You are cordially invited to attend the workshop and present your recent research on data mining, decision analytics, and artificial intelligence.

To participate in the workshop, a full paper must be submitted by the deadline of **August 1, 2025,** for consideration. All accepted papers are automatically considered for the **DMDA Workshop Best Paper Competition**, either in the **Theoretical Track** or **Applied Research Track**, according to the presenters' specifications. The winner and runners-up will be announced at the workshop and recommended for fast-track submission to the [INFORMS Journal on Data Science (IJDS)](#).

Topics of interest include, but are not limited to:

- Applied Data Analytics
- Machine/Deep/Reinforcement Learning Methodology
- Optimization & Decision Analytics
- Simulation
- Bayesian Data Analysis
- Statistical Inference
- Ethics, Privacy, Security, and Fairness
- Reliability, Quality, & Maintenance
- Network, Graph, and Web Analysis
- Longitudinal Data Analysis
- Time Series, Spatial, & Spatiotemporal Data Analysis
- Image Processing & Computer Vision
- Text Mining & Natural Language Processing
- Generative AI & Large Language Models
- Federated & Distributed Learning

Timeline

- **June 1**: Paper submission begins
- **August 1**: Paper submission deadline

- **September 7**: Final review decision
- **September 14**: Registration deadline for the 20th INFORMS Workshop on Data Mining and Decision Analytics

Paper Submission Guidelines

- **Required paper format:** Maximum of 10 pages (including abstract, tables, figures, and references), 1-inch margins, 11-point font or higher, single column, single-spaced, and 50-word abstract. Note that any content after the 10th page will be removed.
- Papers must be submitted via this **link**. Submissions must be submitted on time to be considered for review.
- Submitted papers should be neither published nor accepted for publication elsewhere at the time of submission.
- Participation is exclusive to members of the INFORMS Data Mining Society. Previous finalists of the DMDA Workshop Best Paper Competition must submit new work to be considered for the competition.
- Papers selected as a finalist in either competition track may not simultaneously serve as finalists in other competitions at the 2025 INFORMS Annual Meeting (including those organized within DMS). If such a conflict arises, please inform the competition co-chairs (contact information is provided at the end of this document).
- Finalists in either track will be recommended for **fast-track submission** to the INFORMS Journal on Data Science (IJDS). Details will be provided to the finalists.
- **Copyright:** The DMDA workshop will **not** retain the copyright of submitted papers; therefore, the authors are free to submit their papers to other outlets. Please keep in mind, however, that fast-track submission to IJDS will be made available to finalists.

DMDA Workshop Co-Chairs

- Hadis Anahideh (hadis@uic.edu), University of Illinois Chicago
- Adam Meyers (axm8336@miami.edu), University of Miami
- Hairong Wang (hairongwhr@gatech.edu), Georgia Institute of Technology
- Jiachang Liu (jiachang.liu@cornell.edu), Cornell University