

# CALL FOR PAPERS

## INFORMS 2020 Data Mining Section Best Paper Competition

The Data Mining (DM) Section of INFORMS announces the DM Best Paper Competition to recognize excellence among its members. The competition will have two tracks: the General Track for the Best Paper Award and the Student Track for the Best Student Paper Award. Four finalists will be selected for each track to make oral presentations at the 2020 INFORMS Annual Conference to be held virtually, Nov. 7-13, 2020.

The objective of the best paper competition is to recognize excellence among high-quality research works of DM section members, and brings prestige to DM Section as well as to the recipients. Topics of interest include, but are not limited to, the following:

- Large-Scale Data Analytics and Big Data – Data-Driven Decision-Making
- Visual Analytics
- Web Analytics / Web Mining
- Classification, Clustering, and Feature Selection – Text mining
- Reliability & Maintenance
- Bayesian Data Analytics
- Healthcare Analytics
- Simulation / Optimization in Data Analytics
- Interpretable data mining
- Longitudinal data analysis
- Causal Mining (Inference)
- Analytics in social Media & finance
- Anomaly Detection
- Other Industrial Applications of Data Science

### Eligibility Requirements:

- Award nominees must be a member of the DM Section.
- For student track, the Award nominees should be a student member of the DM Section by the time of submission, and should be the lead author and main contributor of the submitted work. A confirmation letter from the advisor or mentor is required at submission.
- The submitted paper should be unpublished work.
- Previous finalists who wish to compete again should submit an entirely different paper.
- The best paper finalists will be announced before the conference and will present their papers in the DM Best Paper Competition Session at the INFORMS 2020 Annual Conference.
- Paper considered for this competition MAY NOT be simultaneously submitted to other competitions in the INFORMS 2020 Annual Conference.
- **Required paper format:** maximum of 12 pages with 1 inch margins, single column, single-spaced.

All paper submissions will be evaluated by external referees using double-blind reviewing. Prospective authors should submit a blinded as well as an unblinded version of your paper in PDF format to the DM competition coordinators with the email subject “LeadAuthorName-Affiliation-DM2020-WhichTrack” prior to the deadline of **October 15, 2020, 11:59 PM, Pacific Time**. Late submission will not be accepted. Four finalists for each track will be selected by external review evaluation. The winners of the Best Paper Award and the Best Student Paper Award will be decided upon the review evaluation and the oral presentation at the INFORMS Annual Conference.

If you have any questions, please contact the competition coordinators Dr. Shouyi Wang, [shouyiw@uta.edu](mailto:shouyiw@uta.edu), Dr. Xiaowei Yue, [xwy@vt.edu](mailto:xwy@vt.edu), and Dr. Evangelos Triantaphyllou, [trianta@csc.lsu.edu](mailto:trianta@csc.lsu.edu).