Call for Papers: DAIS Best Track Paper Competition

2023 IISE Annual Conference & Expo
May 20-23, 2023, New Orleans, LA
Data Analytics & Information Systems Track

The Data Analytics & Information Systems (DAIS) Division of the Institute of Industrial and Systems Engineering (IISE) announces the **DAIS Best Track Paper Competition**. The purpose of this competition is to honor outstanding papers in research and practice of data analytics and information systems.

Section 1. Eligibility Requirements and Application Process
- The paper topic should fit the DAIS themes. The paper must present original research results and CAN NOT be accepted for publication elsewhere at the time of submission.
- The first author must be a member of IISE and the DAIS division.
- The submitted paper MUST follow the paper formatting guidelines and requirements of IISE conference proceedings.
- The paper must primarily submit to Data Analytics and Information Systems track.
- The authors should have an accepted oral abstract to be able to submit full papers for the competition.
- Previous finalists who wish to compete again should submit an entirely different paper.
- Papers considered for this competition MAY NOT be simultaneously submitted to other competitions at the 2023 IISE Annual Conference.
- Finalists must be able to attend the IISE Annual Conference & Expo, May 20- 23, 2023.

Section 2. Evaluation Process
Each eligible paper will be reviewed by two-three external referees, each of whom will assign a numerical score using the following five criteria. For each criterion, an integer score between 1 and 5, with 5 being the highest rating, will be assigned.
- Contribution to data analytics and information systems research (25%)
- Significance of the problem (25%)
- Research methods/techniques are appropriate (25%)
- Results are interpreted correctly and conclusions are reasonable (12.5%)
- Organization and quality of writing (12.5%)

All eligible papers will be ranked by the sum of the weighted scores of external referees. Four finalists for the Best Track Paper will be selected to make oral presentations at the 2023 IISE Annual Conference May 20 - 23, 2023. The committee will select the winner(s) based on the review evaluation and oral presentation. The Best Track Paper Winner will be presented at the town hall meeting of the DAIS Track during the 2023 IISE Annual Conference.

Section 3. Formatting and Submission Guidelines
- Paper format: follow the paper formatting guidelines and requirements (6 pages including title and author data, references, and figures and tables) of IISE conference proceedings.

- You can submit your paper through the following process.
- **Step 1 Abstract Submission:** The authors _**must**_ have _**an accepted oral abstract**_ to be able to submit full papers for the competition. Please directly submit your abstract using the conference submission system before the abstract submission deadline (Section 4 DATE 2). Please select the _**primary**_ topic as Data Analytics and Information Systems Track during your abstract submission.
- **Step 2 Full Paper Submission After the Abstract is Accepted**: You can submit your paper through one of the two submission options below.
  - **Option A:** Submit your paper using the conference submission system. In this case, if the paper is accepted, it will be included in the conference proceedings. During the paper submission process, please first select the primary topic as Data Analytics and Information Systems Track. Then, please check **A. I plan to submit a full paper (6 pages) via the online portal to be reviewed for (i) potential publication in IISE Conference Proceedings and (ii) a best track paper competition.** Next, please select **Yes, please consider my paper for the Best Paper Competition**. The paper submitted in the system should be blinded (with no authors information in the paper). After your submission, please email, with the subject "DAIS Best Track Paper Competition", your paper Title, Abstract ID, and Authors list (including affiliations) to the 2023 contest coordinator daisbtp2023@gmail.com and copy all committee chairs listed in Section 5 no later than Section 4 DATE 3 (conference paper submission deadline). Late or incomplete submissions will not be eligible. IISE Conference owns the copyright of the papers submitted in this option.
  - **Option B:** Submit your paper through email. Please submit **one blinded** and **one unblinded version** of the paper, all in electronic format (PDF files ONLY), with subject "DAIS Best Track Paper Competition" to the 2023 contest coordinator daisbtp2023@gmail.com and copy all committee chairs listed in Section 5 no later than Section 4 DATE 3 (conference paper submission deadline). Late or incomplete submissions will not be eligible. IISE Conference and DAIS division do NOT own the copyright of the papers submitted in this option.

Section 4. Deadlines (DATEs 1-4 may be updated accordingly based on the IISE main Conference Submission Dates https://iise.confex.com/iise/2023/cfp.cgi)

DATE 1: October 7, 2022 - Abstract submission system opens.
DATE 2: ~~November 11~~ December 2, 2022 - 11:59 p.m. PST - Abstract Submission Deadline
DATE 3: ~~February 3~~ ~~February 10~~ February 19, 2023 - 11:59 p.m. PST - Paper Submission Deadline
DATE 4: ~~March 10~~ March 17, 2023 - Notification of Decision on Paper
DATE 5: Notification of Finalists: ~~March 10~~ March 17, 2023 (same as DATE 4)

Section 5. Committee Chairs

If you have any questions, please send an email (with the subject "DAIS Best Track Paper Competition") to the 2023 committee chairs or contest coordinator daisbtp2023@gmail.com

Nathan Gaw, Air Force Institute of Technology, Nathan.Gaw@afit.edu
Kyle Hunt, University at Buffalo, kylehunt@buffalo.edu
Haifeng Wang, Mississippi State University, wang@ise.msstate.edu