Call for Papers
Data Science and Analytic Constituent Committee

2025 ASEE Annual Conference & Exposition
Montreal, Quebec, Canada, June 22-25, 2025

Dear ASEE members,

The **Data Science and Analytics (DSA) Constituent Committee** cordially invites abstract submissions for papers to be presented at the ASEE Annual Conference in Montreal, Quebec, scheduled for June 22–25, 2025. The field of Data Science and Artificial Intelligence (AI) represents a pivotal frontier in engineering and engineering technology education. This conference offers an excellent platform to showcase advancements in data science, analytics, AI, and machine learning across various applications.

We encourage submissions addressing the following topics:

- Current applications of data science and AI in education
- Tools and methodologies for data-driven curriculum design
- The role of analytics and AI in enhancing teaching methodologies
- Professional development strategies for educators integrating data science and AI
- Predictive analytics for student outcomes and early intervention strategies
- Leveraging data science and AI to support and improve inclusive education for students with neurodiverse needs
- Research in data science and AI at undergraduate and graduate levels
- Data-driven decision-making in educational administration
- Enhancing resource allocation and operational efficiency through technology
- Ethical considerations and data privacy in predictive analytics and AI
- Insights and lessons from real-world implementations
- Best practices for educational institutions
- Using data in assessment and accreditation process
- Data analytics for programs continuous improvement
- Other relevant topics in data science and analytics, including machine learning, big data analytics, data visualization, data engineering, and data mining

Please submit abstracts of 300-500 words through the ASEE paper submission system. Authors of accepted abstracts will be invited to submit full papers for peer review and potential inclusion in the conference proceedings. Further details on paper management, ASEE Author kit, the conference info, travel, the program schedule, updates, deadlines, and registration can be found on ASEE's website: http://www.asee.org/.

We also welcome proposals for special paper sessions, workshops, panel discussions, and individuals interested in moderating sessions or participating in the peer review process. Please contact us with your ideas and interests.

Key Dates for Authors:

Abstract Submission
- Abstract Submission Opens: September 1, 2024
- Abstract Submission Deadline: October 1, 2024

Paper Submission
- Draft Paper submission deadline: January 15, 2025
- Revised Paper Submission Deadline: February 21, 2025
- Finalized papers: May 1, 2025
- Author registration deadline: May 1, 2025

Thank you for your participation, and we eagerly await your submissions!

Sincerely,
Data Science and Analytic Constituent Committee

If you have any questions, please contact:
- Ilya Grinberg, SUNY Buffalo State, grinbeiy@buffalostate.edu
- Bala Maheswaran, Northeastern University, mahes@coe.northeastern.edu