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# DSLW2021



IEEE Data Science & Learning Workshop  
June 05 - 06, 2021, Toronto, Canada



## Call for Papers

The 2021 IEEE Data Science & Learning Workshop (DSLW 2021), to be **co-located with ICASSP 2021**, will be held at the University of Toronto on **June 05-06, 2021**. The workshop is organized by the IEEE Signal Processing Society. The workshop will bring together researchers in academia and industry to share the most recent and exciting advances in data science and learning theory and applications, in disciplines including signal processing, statistics, machine learning, data mining and computer vision. Papers are solicited in, but not limited to, the following areas:

- Statistical learning algorithms, models and theories
- Machine learning theories, algorithms, models and systems
- Computational models and representation for data science
- Visualization, summarization, and analytics
- Acquisition, storage, and retrieval for big data
- Large scale optimization
- Learning, modeling, and inference with data
- Data science process and principles
- Ethics, privacy, fairness, security and trust in data science and learning (e.g., explainable AI, federated learning, collaborative learning)
- Applications: E.g., biology and medicine; audio, image, and video analytics; social media; business and finance; applications leveraging domain knowledge for data science.

Prospective authors are invited to submit regular papers (**5 pages of technical information + 1 page reference**, with optional supplemental material limited to 2 pages). DSLW 2021 uses **double-blind review**. Manuscripts should be original and written in accordance with the standard IEEE 2-column paper template. Accepted papers will be indexed on IEEE Xplore. The targeted paper acceptance rate is **25%**.

The organizing committee is closely monitoring the worldwide health and travel situation and will be considering novel hybrid and, if necessary, fully virtual conference models.

## Expected Conference Highlights

- Plenary Talks and invited talks surveying emerging topics in MMSP
- Enhanced technical program: Paper presentations, panels, and demos
- Exciting student program: Student-industry luncheon, 3MT competition

## Important Dates:

- Oct. 28, 2020 : Submission of regular papers
- Feb. 01, 2021 : Rebuttal due from authors (7 days)
- Feb. 15, 2021 : Notification of paper acceptance
- Mar. 05, 2021 : Camera-ready papers due
- June 05 – 06, 2021 : Workshop