CANADIAN SOCIETY OF INFORMATION THEORY
SOCIÉTÉ CANADIENNE DE THÉORIE DE L'INFORMATION

The 18th Canadian Workshop on Information Theory
Vancouver, BC, Canada June 2-5, 2024

The 18th Canadian Workshop on Information Theory (http://cwit.ca/2024/) will be held at the **University of British Columbia (UBC)**, Vancouver, **June 2-5, 2024.**

The workshop will feature five keynote talks and two tutorials by leading researchers in the area of information theory, as well as, ample opportunities to network and connect with researchers from Canada and worldwide.

Abstracts in (but not exclusive to) the following fields of research are solicited:

- Shannon Theory
- Big Data Analytics
- Multiuser Information Theory
- Quantum Information Processing
- Coding Theory and Practice
- Coded Modulation
- Data Compression, Source Coding
- Cryptology and Data Security
- Information Theory and Statistics
- Signal Processing
- Pattern Recognition and Learning
- Sequences and Complexity
- Machine Learning and Inf. Theory
- Data Networks
- Optical Communications
- Cooperative Communication
- Low-latency Communication
- Information Theory in Biology
- Detection and Estimation
- Cognitive Radio
- Underwater Communications
- Network Coding and Applications
- Joint Communication and Sensing
- Distributed Storage and Computing

This year's CWIT will feature a change of format from full paper submission to extended abstract submission. Authors wishing to present their work in the CWIT should electronically submit their extended abstract (one page) in PDF format through EDAS (https://cwit2024.edas.info) using the standard IEEE two-column format (https://www.ieee.org/).

Accepted abstracts will be presented in the form of oral or poster presentations. A list of presentation titles will be posted on the CWIT 2024 website. There will be no published proceedings, and authors are welcome to present published work.

General Chairs

Lutz Lampe
University of British Columbia

Christos Thrampoulidis
University of British Columbia

Lele Wang
University of British Columbia

TPC Chairs

Masoud Ardakani
University of Alberta

Anas Chaaban
University of British Columbia

Yindi Jing
University of Alberta

Important Deadlines

Extended abstract submission: **April 5, 2024 (extended)**
Notification of Acceptance: **April 20, 2024**

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