



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

## The 17th Canadian Workshop on Information Theory

Ottawa, Ontario, Canada June 5-8, 2022



### General Chair

Yongyi Mao  
University of Ottawa

### TPC Chairs

Masoud Ardakani  
University of Alberta  
Dmitry Trukhachev  
Dalhousie University

(regular papers)

Lele Wang

University of British Columbia  
(invited session and tutorial)

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MIT



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University of California  
Berkeley



Amin Shokrollahi  
EPFL, Kandou



Wei Yu  
University of Toronto

The 17th Canadian Workshop on Information Theory (<http://cwit.ca/2022/>) will be held on the University of Ottawa campus, Ottawa, Ontario, from Sunday, June 5 to Wednesday, June 8, 2022.

Papers 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 and Source Coding
- ✓ Optical Communications
- ✓ Cooperative Communication
- ✓ Low-latency Communication
- ✓ Information Theory in Biology
- ✓ Cryptology and Data Security
- ✓ Information Theory and Statistics
- ✓ Signal Processing
- ✓ Pattern Recognition and Learning
- ✓ Sequences and Complexity
- ✓ Machine Learning and Inf. Theory
- ✓ Data Networks
- ✓ Detection and Estimation
- ✓ Cognitive Radio
- ✓ Underwater Communications
- ✓ Network Coding and Applications

Authors wishing to have papers considered for the workshop should electronically submit their full papers (suggested length: five pages, maximum length: six pages) in PDF format through EDAS (<https://edas.info/N28868>) using the standard IEEE two-column format (<https://www.ieee.org/>). Accepted papers will be published on IEEE Xplore.

Students will enjoy significantly reduced registration fees and receive a per diem of upto 80 Canadian dollars for each day of conference participation.

### Important Deadlines:

Paper submission: March 7, 2022

Notification of Acceptance: April 25, 2022

Final manuscript upload/author registration May 5, 2022:

