

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



## The 2019 Canadian Workshop on Information Theory Hamilton, Ontario, Canada June 2-5, 2019

The 16<sup>th</sup> Canadian Workshop on Information Theory (<http://cwit.ca/2019/>) will be held on the campus of McMaster University, Hamilton, Ontario, from Sunday, June 2 to Wednesday, June 5, 2019. 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
- Multi-terminal Information 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/>) using the standard IEEE two-column format (<https://www.ieee.org/>). Accepted papers will be published on IEEE Xplore.

### Important Deadlines:

- |  |                |
|--|----------------|
| Full-length papers submission:                   | April 5, 2019  |
| Notification of acceptance:                      | April 22, 2019 |
| Final manuscript submission/Author registration: | May 6, 2019    |

### General Chairs

Steve Hranilovic  
*McMaster University*  
Tim Davidson  
*McMaster University*

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*McMaster University*  
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## Plenary Speakers



Tara Javidi  
University of California, San Diego



Gerhard Kramer  
Technical University of Munich



Sennur Ulukus  
University of Maryland, College Park



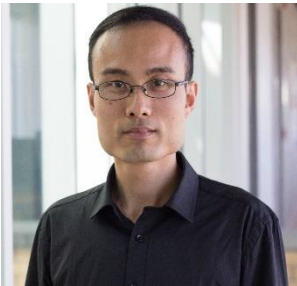
Tsachy Weissman  
Stanford University



Lizhong Zheng  
Massachusetts Institute of Technology

## Tutorial Speakers

Theoretical Foundation of Blockchain Technology



Chen Feng  
University of British Columbia (Okanagan Campus)

Information Theory for Real-Time Communication



Victoria Kostina  
California Institute of Technology

## Banquet Venue

The banquet will be held at Queen Victoria Place Restaurant in Niagara Falls, ON. Bus transportation will be provided.



## Sponsorship

We would like to acknowledge the generous support of our sponsors:

