



Call for Papers

ANTEM 2025

Antem2025.ieee.ca

July 20-23, 2025

Holiday Inn St. John's Conference Centre,
St. John's, NL, Canada

IEEE 20th International Symposium on Antenna Technology and Applied Electromagnetics

"More Than Transatlantic"

List of ANTEM Topics

Antennas

- Antenna Theory
- Dielectric, Planar & Conformal Antennas
- Antenna Miniaturization & Integration
- Intelligent Reconfigurable Antennas
- Phased Arrays, Reflect-Arrays, and Lenses
- Reflector Antennas
- Wearable & Wireless Sensor Antennas
- On-Chip/In-Package Antennas
- Terahertz & Optical Antennas
- UWB Antennas & Systems

Field Theory & Computation

- Analytic & Numerical Methods
- Modelling & EM-CAD Tools
- Scattering & Diffraction
- Inverse Scattering & Remote Sensing
- Guided Waves
- Transients & Time Domain Electromagnetics

Radio Science

- Electromagnetic Metrology
- Fields and Waves
- Radiocommunication Systems & Signal Processing
- Electronics and Photonics
- Electromagnetic Environment & Interference
- Wave Propagation & Remote Sensing
- Ionospheric Radio & Propagation
- Waves in Plasmas
- Radio Astronomy
- Electromagnetics in Biology and Medicine

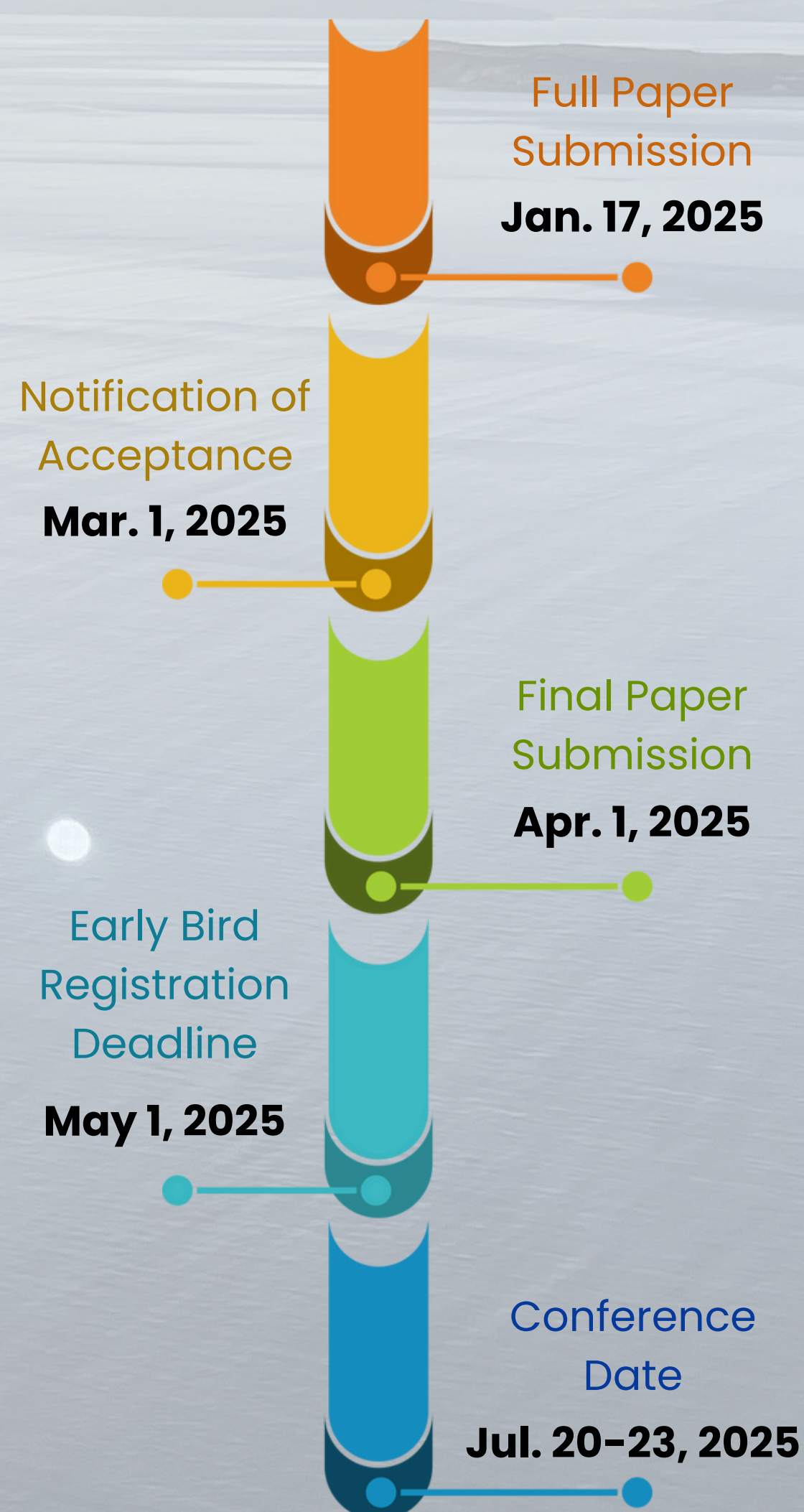
Electromagnetic Systems, Devices & Applications

- Propagation & Channel Modelling
- Next Generation Mobile Communication & Sensing
- Electromagnetic Metrology
- Machine Learning
- Satellite/CubeSat Radio Communication Systems
- Terrestrial & Ionospheric Radio Communication
- Automotive Radar & Imaging Systems
- Software Defined Radio
- MEMS & Micromachining for RF Systems
- Microwave-to-THz Devices, Circuits & Imaging
- MIMO Systems
- Photonic Devices & Circuits
- Vehicular Electromagnetics
- Wireless Power Transmission
- Electromagnetic Energy Harvesting
- Biomedical Imaging & Sensing
- Electromagnetic Field Measurement
- Electromagnetic Properties & Material Characterization
- Electromagnetic Interference & Compatibility
- Spectrum Management & Spectrum Policy

New Phenomena & Engineered Media

- Bio-electromagnetics
- Nano-electromagnetics
- EBG/Metamaterial Structures
- Frequency Selective Surfaces

Important Dates



Scope of the Conference

IEEE ANTEM 2025 is co-sponsored by IEEE Canada, the IEEE Newfoundland and Labrador Section. ANTEM is a premier event for networking, exchanging ideas, & identifying future trends and developments in antennas, propagation & applied electromagnetics. The program will include distinguished lectures, special sessions on leading edge topics and a student paper competition. The language of the symposium is English.

Student Paper Competition

Students may elect to enter their manuscripts in the [Student Paper Competition](#). Details are available on the ANTEM website.

Manuscripts may be submitted in the IEEE two-column format with a length of three pages. Only accepted and presented submissions that are in the IEEE three-page format will be submitted for possible inclusion in IEEE Xplore. See the ANTEM website for additional details.

Organizing Committee

General Co-Chairs:

Weimin Huang
 Eric Gill

*Memorial University
 Memorial University*

Technical Program Committee Co-Chairs:

Dustin Isleifson
 George Shaker
 Weimin Huang

*University of Manitoba
 University of Waterloo
 Memorial University*

Awards Chair:

Thumeera Wanasinghe

Memorial University

Exhibition Chair:

Vinicius Prado da Fonseca

Memorial University

Treasurer:

Samuel Robert Cove

Solace Power

Publication Co-Chairs:

Pedram Ghasemigoudarzi
 Tamara Abramchina

*C-CORE
 IEEE Canada*

Registration Chair:

Tamara Abramchina

IEEE Canada

Website Chair:

Murilo Silva

C-CORE

Local Arrangement Chair:

Pradeep Bobby

C-CORE

Secretary:

Oscar De Silva

Memorial University

IEEE Canada Representatives:

Usman Munawar
 Ekram Hossain

*IEEE Canada CONAC Chair
 IEEE Canada CONAC
 Representation/Advisor*

Advisory Committee: (to be updated)

Lot Shafai
 Zhizhang (David) Chen
 Ke Wu
 Octavia A. Dobre
 Trung Q. Duong
 Zhongxiang Shen
 Lihong Zhang
 Tom Murad

*University of Manitoba
 Dalhousie University
 Polytechnique Montréal
 Memorial University
 Memorial University
 Beijing Institute of Technology
 Memorial University
 IEEE Canada President*