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## Call for Abstracts

### 12<sup>th</sup> Canadian-International Conference on Composites (CANCOM 2022)

The CANCOM 2022 Conference will be held in Fredericton and Moncton between July 12–15, 2022. The technical conference (Day 1–3) will pursue CANCOM’s traditional offering of unparalleled networking, technical exchange, and educational opportunities to delegates from Canada and around the world. Pairing with the conference theme, *Innovation in Composites R&D*, the Industry Day (Day 4) will feature industry presentations and workshops.

#### Topics

CANCOM 2022 will focus on research, technology, and product development in emerging sectors, in addition to traditional fields of application of composites. The technical conference will facilitate the exchange of information/ideas about composite materials design, processing, characterization, analysis, and performance by featuring a variety of keynote speakers, technical sessions, and a banquet event. Accomplishments in composites by Aboriginal peoples and women will be highlighted. The following session topics are of interest:

- Composites, Characterization of Composites
- Cold Spray, 3D/4D Printing of Composites
- Metal-Matrix, Cermet Composites
- Composite Additive Manufacturing
- Multifunctional & Smart Composites
- Green & Eco-responsible Composites
- Textile/3D Composites
- Computational/Analytical Modelling
- Durability, Ageing, Environmental Effects

- Fatigue/Fracture/Impact/Dynamic Loading
- Non-Destructive Testing
- Life Cycle Analysis/Recycling of Composites
- Machine Learning/AI in Composites
- Virtual Testing/Digital Twin
- Structural Health Monitoring

#### Deadlines

Initial Abstract Submission: November 29, 2021  
Abstract Acceptance Notification: January 31, 2022  
Final Paper Submission: April 4, 2022.

#### Presentation

The languages of the conference are English and French, with interpretation services planned for the Industry Day. A 20-minute presentation/Q&A time will be allotted for technical presentations.

#### Abstract Submission

Abstracts should be of one page, using the template provided on [www.cancom2022.ca/abstract.html](http://www.cancom2022.ca/abstract.html).

#### Student Paper Award

The conference will include the Professor Suong V. Hoa Student Paper Award. More information is available at [www.cancom2022.ca/abstract.html](http://www.cancom2022.ca/abstract.html).

#### Contact

Address all enquiries to [cancom2022@unb.ca](mailto:cancom2022@unb.ca).