

# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE



**Symposium SY-04** IUGS, Geoparks and IGCP  
- Retrospection, today and the future  
- Canadian contributions

## HALIFAX:

May 16-17 2022



19 Presentations



2 Panel discussions



Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA

Canadian  
Geoparks  
NETWORK

60 IUGS

unesco  
International Geoscience  
Programme

To register: <https://halifax2022.atlanticgeosciencesociety.ca/technical-program/>

# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE

## DAY 1: SESSION 1

May 16 2022

### Keynote

08:00 - 08.40

**Daniel Lebel:** Canadian Contributions to Global Geosciences: a few key highlights and future outlook

08:40 - 09.00

**Antony Berger:** Episodes and AGID - two ventures with Canadian roots

09:00 - 09.20

**Charles Henderson:** The Permian System: a collaborative effort directed by the International Union of Geological Sciences (IUGS), the International Commission on Stratigraphy (ICS) and the Subcommittee on Permian Stratigraphy (SPS)

09:20 - 09.40

**Marc LaFlamme:** Subdividing the Ediacaran

09:40 - 10.00

**Jessica Pilarczyk:** From Cores to Code: IGCP 725's plan to bridge the gaps between geology, process, and numerical modelling to improve forecasts of coastal change

**10.00 - 10.20 Coffee Break**

Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA



# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE

## DAY 1: SESSION 2

May 16 2022

### Keynote

10:20 - 11.00

**Ozlem Adiyaman Lopes:** IGCP's outreach for 50 years: Evolution from east-west male researcher collaboration to global outreach with gender equality and a perspective for a sustainable future for our planet

11.00 - 11.20

**Guy Narbonne:** IGCP sedimentary and paleontological projects: 50 years of evolution from "stratigraphic correlation" to "deep-time global change", with a perspective for the future

11.20 - 11.40

**Yvette Kuiper:** The International Geoscience Programme (IGCP): an example and a fiftieth anniversary perspective

11.40 - 12.00

**Michael Leshner:** IGCP projects 161-336-427-479: genesis and localization of magmatic Ni-Cu-PGE deposits

**12.00 - 13.40 Lunch Break**

Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA



# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE

## DAY 1: SESSION 3

May 16 2022

### Keynote

13:40 - 14.20

**Jasmin Raymond:** Geothermal resources for energy transition: past, present and future of IGCP 636 group

14:20 - 14.40

**Guoxiang Chi:** Canada - China collaborative research on uranium deposits: a retrospection and vision for the future

14:40 - 15.00

**Bridget Bergquist:** A new program aimed at understanding impacts of artisanal and small-scale gold mining in the Amazon (IGCP project 696)

15.00 - 15.40 **Coffee**

### Keynote

15:40 - 16.20

**John Ludden:** Geosciences for the next decade

**16.20- 17.00 Panel Discussion:**  
**The future of geosciences in Canada, IGCP, IUGS**

To register: <https://halifax2022.atlanticgeosciencesociety.ca/technical-program/>

Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA



# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE

## DAY 2: SESSIONS 1 & 2

May 17 2022



### Keynote

08:00 - 08.40

**John Calder:** UNESCO Global Geoparks in Canada: their growth, potential, and challenges

08:40 - 09.00

**Jack Brink:** Head-Smashed-In Buffalo Jump: a UNESCO world heritage site in the Porcupine Hills of southwestern Alberta, Canada

09.00 - 09.20

**Jean-Bernard Caron:** The Willner Madge Gallery Dawn of Life: exposing the last four billion years of life on Earth at the Royal Ontario Museum

09.20 - 09.40

**Andy Kerr:** The Cabox aspiring GeoPark on the scenic west coast of Newfoundland: Where the earth sciences revolution first resolved the tectonic revolutions of the distant past

09.40 - 10.00

**Katherine Boggs:** The Mackenzie Delta; A potential UNESCO Global Geopark for the future.

**10.00- 10.20 Coffee Break**

---

10:20 - 11.00 Keynote:

**Patrick McKeever:** Geological World Heritage - a revised global framework for the application of criterion (viii) of the World Heritage Convention and a comparison with UNESCO Global Geoparks

---

**11.00- 12.00 Panel Discussion:**

**Future of Geoparks and World GeoHeritage Sites in Canada**

Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA

Canadian  
Geoparks  
NETWORK



unesco  
International Geoscience  
Programme

# GEOLOGICAL ASSOCIATION OF CANADA ANNUAL CONFERENCE



May 16-17 2022

**Symposium SY-04** IUGS, Geoparks and IGCP  
- Retrospection, today and the future  
- Canadian contributions

<https://halifax2022.atlanticgeosciencesociety.ca/>



Register & Access Program:

<https://halifax2022.atlanticgeosciencesociety.ca/technical-program/>

Riding the waves of change  
Surfer sur la vague  
du changement



GEOLOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
GÉOLOGIQUE DU CANADA

