

CSTHA | AHSTC

Canadian Science and Technology  
Historical Association

l'Association pour l'histoire  
de la science et de la technologie au Canada

## CSTHA XXII Biennial Conference

Exploring the human and Non-Human in Science, Technology, and Medicine  
November 3-5, 2023 | Halifax NS

*Our thanks to Ingenium, Canada's Museums of Science and Innovation; Nova Scotia Museum of Natural History; the Maritime Museum of the Atlantic; and York University's Science, Technology, and Science program for supporting this conference.*



**Link to register for all virtual Zoom sessions for presenters and attendees:**

<https://ingeniumcanada.zoom.us/meeting/register/tZ0ld--vrzIvHt0wYTkxbU4DI83kEL2jt6Sd>

### **FRIDAY NOVEMBER 3, 2023 (all times ADT)**

#### **Welcome and Registration**

**6:00 – 7:00pm**

*Maritime Museum of the Atlantic  
1675 Lower Water St, Halifax, NS B3J 1S3*

#### **Keynote Speaker**

**7:30pm**

Eric Mills, "HMS *Challenger* in Halifax. Viewing an Icon After 150 Years"  
Maritime Museum of the Atlantic Small Craft Gallery

*Dinner follows at a local restaurant tbd.*

### **SATURDAY NOVEMBER 4, 2023**

**Museum of Natural History, 1747 Summer Street, Parking lot entrance (see map)**

*Coffee/tea/juice*

**8:30am**

#### **Session 1: Technology, Scientists, and Information**

**9:00am-noon**

Michael Feagan | The Embodiment of Telecommunication Networks: The Work of Nineteenth Century Telegraph Operators

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William Knight | Art and Science in Botanical-entomological Wax Models

Tim Fedak | Maps and Field Excursions of Glacial Geology in Nova Scotia 1873-1884

*Coffee break*

Neea Jacklin | Why Lamarckian Influences on 20th Century Field Science? A.G. Huntsman as a Case Study

Jennifer Hubbard | Scientists of Dominion: Marine Scientists and the Contestation of Control over Canada's Coasts

**Lunch (catered)**

**Noon-1pm**

**Session 2: Machine Sensing at the Edges of Canadian Space**

**1:15 – 3:30pm**

Shannon Brown | Responsible Robots: The Canadarm, the Corporation, and Commercial Spinoffs

Kate Bauer | “They took out those eyes and ears”: Lighthouse Automation and the Politics of Reliability on the Pacific Coast

Breanna Lohman | A Well-Oiled Machine: The DEW Line, Changing Risks, and the Partial Containment of Hazards

*Coffee Break*

Roger Marsters, Katherine Knight | Rendering Present Pasts: The Goose Boat Project

**Session 3: Axis of Military Science**

**3:30 – 5pm**

Matthew Wiseman | The Weather Factory: Biophysicist Alan C. Burton and Canada's Military-Academic Complex

Alex Souchen | Negative Consequences: Photography, Technology, and Dumped Munitions in Georgian Bay

Bradley Shoebottom | Vital Links: Roads and Light Railways in Military Operations of the Canadian Corps during the First World War

**SUNDAY NOVEMBER 5, 2023**

**Museum of Natural History, 1747 Summer Street, Parking lot entrance (see map)**

*Coffee/tea/juice*

**9:00am**

**Session 4: Social, Environmental, and Personal Science**

**9:30am-12:30pm**

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Scott Campbell | Exploring Historical Thinking as a Framework to Encourage Students to Consider Their Own Relationship to Modern Technology, Society, and Values

David Foord | Leisure Jobs: Recreating Family and Social Life in Canadian Electric Utility Marketing, 1920-1970

Megan Krempa | To Not Be Missed: Harriet Brooks and the Rewriting of the History of Science

Mahdi Khelifaoui | Biomass Gasification in Quebec after the Two Oil Shocks: From Energy Policy to Green Entrepreneurship

### Panel: Spotting the human and non-human in Canadian Science and Technology Records

Panel with Jennifer Cuffe, Adele Torrance, and Kim Gerald

**Closing Remarks | Lunch (catered)**

**12:30pm**

### Field Trip

**1:00-2:00pm**

The Citadel Drumlin tour with Tim Fedak

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**Program Committee:** William Knight, Courtney Mrazek, Tim Fedak, Roger Marsters, and Matthew Wiseman. Thanks to Jenny Nodleman and Martha Jarrell for their support and assistance!

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