



**Spring Symposium of
the Canadian Section of The
Electrochemical Society**

*Recent Trends and Advances in
Electrochemistry and
Electrocatalysis in Canada*

**Saturday, April 22nd, 2023
Donald Gordon Hotel & Conference
Centre, Queen's University,
421 Union Street, Kingston, ON. K7L 3N6**

ECS Canadian Section – Spring Symposium – Program

**7:30 - 8:30 – Registration, Coffee and Continental Breakfast Ground Level;
Installation of Posters in Room B of DGH&CC**

Morning Session – DGH&CC Room A

8:30 - 8:40 – *Welcome and Introductory Remarks* – Dr. Stéfanie von Hlatky, Associate Dean (Research), Queen's University, Kingston, ON.

8:40 - 9:00 – *The Electrochemical Society* – Christopher Jannuzzi, Executive Director & CEO, The Electrochemical Society, Pennington, N.J., USA – **“Words of Welcome and Thanks from ECS Headquarters”**

9:00 - 9:30 – *Keynote Lecture* – Prof. Michael Eikerling, Jülich Research Center, Jülich, Germany – **“Title to be added”**

9:30 - 9:50 – *Invited Lecture* – Prof. Ana Tavares, Institut national de la recherche scientifique, Verannes, QC., Canada – **“Sampled Current Voltammetry Applied to the Study of the Oxygen Reduction Reaction on Oriented Thin Films”**

9:50 - 10:10 – *Invited Lecture* – Prof. Elena Baranova, University of Ottawa, Ottawa, ON. – **“Role of Ionomers in Anion Exchange Membrane Water Electrolysis: A Cautionary Tale”**

10:10 - 10:30 – Coffee Break and Poster Session

10:30 - 10:50 – *Invited Lecture* – Prof. Ali Seifitokaldani, McGill University, Montreal, QC. – **“Extremely Small Nanoclusters: Promising Catalysts for the CO₂ Reduction Reaction”**

10:50 - 11:10 – *Invited Lecture* – Bowen Wang, Minghui Hao, Don Kirk, Daniel Guay, Prof. Steven Thorpe, University of Toronto, Toronto, ON. – **“Optimization of the Surface Morphology for Superaerophobic Behaviour using EIS”**

11:10 - 11:30 – *Invited Lecture* – Prof. Cao Thang Dinh, Queen's University, Kingston, ON. – **“In-situ Activation of Catalysts for Selective and Stable Electrochemical CO₂ Reduction”**

11:30 - 12:00 – *Award Presentation (5 min) and Award Lecture (25 min)* – the ECS Canadian Section Lash Miller Award, Winner to be announced **“Title to be added”**

12:00 - 1:30 – Lunch, Networking, and Poster Session (Room B of DGH&CC)

Afternoon Session – DGH&CC Room A

13:30 - 14:00 – *Keynote Lecture* – Andrew Stuart, President and CEO, Hydrogen Optimized, Owen Sound, ON., “**Gigawatt Scale Materials for Water Electrolysis: An Industrial Perspective of Energy Transition Challenges**”

14:00 - 14:30 – *Award Presentation (5 min) and Award Lecture* – the ECS Canadian Section Student Award, Winner to be announced, “**Title**”

14:30 - 14:50 – *Invited Lecture* – Prof. Gianluigi Botton, Science Director, Canadian Light Source, Saskatoon, SK – “**The Canadian Light Source Synchrotron: Capabilities and Examples of Research**”

14:50 - 15:10 – *Regular Lecture* – Liam K. Varvaris, Derek Esau, Prof. Gregory Jerkiewicz, Queen’s University, Kingston, ON. – “**Surface Structure Dependence of the HER on Monocrystalline Ni Materials**”

15:10 - 17:00 – Reception; Continuation of the Poster Session; Announcement of the Winners of the Student Poster Competition Room B of DGH&CC

17:00 – Adjournment – Safe travels!

Registration and Registration Fees

Registration will be open on the website of the Canadian Section of The Electrochemical Society (*below*). The registration includes: (i) access to all sessions; (ii) continental breakfast; (iii) a sit-down buffet lunch; and (iv) reception. The registration fees are in US\$ (the ECS is a society based in the USA).

Regular participant	US\$135	Student/postdoctoral fellow	US\$85
Exhibitor	US\$425	Sponsorship	US\$250

<http://www.electrochem.ca/>

Poster Session

Poster presentations will be held in Room B of the DGH&CC during the coffee break and lunch periods, and after the afternoon session has completed. The dimensions of the poster must be less than 36” (width) × 48” (height). Posters should be installed upon arrival during the initial registration/breakfast period (7:30 – 8:30 a.m.) and removed immediately following the afternoon poster session (5:30 p.m.).

Poster presenters are asked to send the following information to Derek Esau at Odmce@queensu.ca: (1) poster title; (2) authorship; and (3) affiliation. Students/post-doctoral fellows: please, confirm with your supervisor prior to submission.

Venue / Hotel

Donald Gordon Hotel & Conference Centre, 421 Union St, Kingston, ON K7L 3N6
<https://www.queensu.ca/donaldgordoncentre/>



As the venue's name indicates, Donald Gordon Hotel & Conference Centre is also a hotel and offers comfortable accommodation that includes breakfast.

A block of rooms has been reserved for the symposium's attendees for the night before and after the event (April 21st and 22nd). The special price is **\$160 + tax**. Call the hotel to make your reservation: Local: (613) 533-2221 or Toll Free: +1 (866) 455-2655. When making a reservation, mention the **Group # 54680** to obtain the special rate.

Parking

Donald Gordon Hotel & Conference Centre has a large parking lot and offers free parking to the symposium attendees.

Getting Here

The location of Donald Gordon Hotel & Conference Centre using any navigation device or the below link with the Queen's University campus map.

<http://www.queensu.ca/campusmap/main>

Organizers

The Spring Symposium is organized by Prof. Gregory Jerkiewicz and his Research Group members, Derek Esau, Sho Fujita, Gaurav Verma, and Niusha Mouchani, of the Department of Chemistry, Queen's University.

<https://www.queensu.ca/jerkiewicz-research-group/>