



The Electrochemical Society
 Advancing solid state & electrochemical science & technology

Fall Meeting of the Canadian Section of the Electrochemical Society

Electrochemistry: Fundamental and Applied

Saturday November 10, 2018

Université du Québec à Montréal



Photo UQAM



Meeting Information

Registration

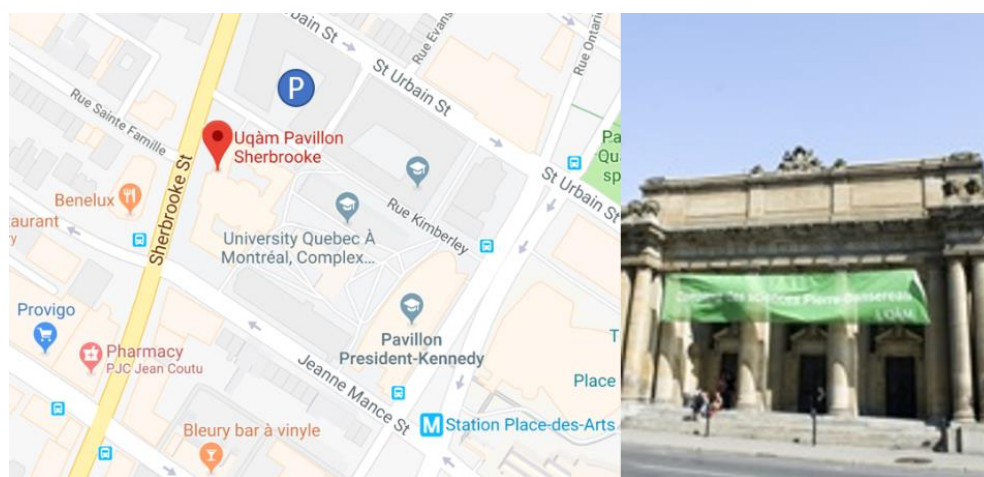
Registration information is available at <http://www.electrochem.ca>.

Poster presentations

Poster dimensions must be no larger than 1.8 m x 1.2 m (6' x 4'). Set-up of posters will occur during registration from 8:30 AM – 9:20 AM.

Venue

The Fall Meeting of the Canadian Section of the Electrochemical Society will be held at Pavillon Sherbrooke at UQAM (200 Rue Sherbrooke Ouest, Montréal, QC H2X 1X5).



Getting here



Parking

Parking is available on-site and indicated on the map. There are also several public parking lots in the area.



Metro

The nearest metro stop is Place-des-Arts. It is less than a 5 minute walk to the venue.

Accommodations

There are a number of hotels within walking distance to the venue.

Program - ECS Canadian Section - Fall Meeting 2018

8:30 – 9:20 - Registration, continental breakfast, poster set-up

Morning Session 1 – SH 4800

9:20 – 9:30	Welcome – Dr. Joshua Byers <i>Université du Québec à Montréal</i>
9 :30 – 10:10	Keynote – Dr. Thomas Hamann <i>Michigan State University</i> Thin film electrodes for photoelectrochemical water splitting
10:10 – 10:30	Invited - Dr. Toby Bond <i>Canadian Light Source Inc.</i> Inside the black box: How synchrotron tools reveal chemical and structural changes in electrochemical systems
10:30 – 10:50	Canada Section Student Award of the Electrochemical Society Electrochemical and photoelectrochemical study of nanomaterials for energy applications Ms. Shuai Chen <i>University of Guelph</i>
10:50 – 11:10	Coffee break

Morning Session 2 -SH 4800

11:10 – 11:30	Dr. Jean-Christophe Daigle <i>Hydro-Québec and Esstalion Technologies Inc.</i> Strategies for limiting degradation in $\text{Li}_4\text{Ti}_5\text{O}_{12}$ based lithium-ion batteries by using hybrid-polymer particles
11:30 – 11:50	Invited – Dr. Jane Stockmann <i>Memorial University of Newfoundland</i> Electrochemical detection of nanoparticle impacts at liquid liquid interfaces
11:50 – 12:10	Invited – Dr. Elena Baranova <i>University of Ottawa</i> Application of in-situ polarization modulation infrared reflection absorption spectroscopy (PM-IRRAS) in electrocatalysis.
12:10 – 12:30	Invited – Dr. Jamie Noel <i>University of Western Ontario</i> Atomic emission spectroelectrochemistry (AESEC) investigation of alloying element behaviour in Ni-Cr-Mo alloy corrosion
12:30 – 13:40	Lunch and poster session

Program - ECS Canadian Section - Fall Meeting 2018

Afternoon Session 1 – SH 4800

13:40 – 14:40	Canada Section Electrochemical Award of the Electrochemical Society Dr. Ashok Vijn <i>Institut de recherche d'Hydro-Québec</i> Electrochemistry of materials: Interfaces in chemistry, physics, engineering and biology
14:40 – 15:00	Dr. David Shoesmith <i>University of Western Ontario</i> Physical and electrochemical evidence for the role of a hydride in magnesium alloy corrosion
15:00 – 15:20	Invited – Dr. Xiaolei Wang <i>Concordia University</i> Structural and chemical synergistic encapsulation of polysulfides for lithium–sulfur batteries
15:20 – 15:40	Invited – Dr. Christian Kuss <i>University of Manitoba</i> Chemically-driven intercalation: Applications to Li-ion battery materials
15:40 – 16:00	Coffee break

Afternoon Session 2 – SH 4800

16:00 – 16:20	Invited – Dr. Eric McCalla <i>McGill University</i> Useful things we were able to do during lab start-up
16:20 – 16:40	Invited – Dr. Sabine Kuss <i>University of Manitoba</i> Electrochemical detection of pathogenic Bacteria
16:40 – 17:00	Dr. Fabio Cicoira <i>Polytechnique Montréal</i> Electrochemistry for flexible, stretchable and healable electronics
17:00 – 18:00	Reception – poster session and refreshments
18:00 – 18:10	Closing comments - Dr. Joshua Byers <i>Université du Québec à Montréal</i>