

SEAC *communications*

Volume 34, Number 1, February 2018

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PRESIDENT'S MESSAGE

Dear SEAC Members,

Once again we are gearing up for an exciting time at Pittcon, and thanks to Takashi the SEAC Newsletter is choked full with information relevant to Pittcon 2018. I look forward to seeing you all at the Charles N. Reilley and Royce W. Murray Award Symposium on Monday afternoon, where we will be honoring awardees Patrick Unwin and Parastoo Hashemi. The celebration will go on at the SEAC reception and dinner, once again organized by Tim Paschkewitz; thank you Tim. If you plan to attend the dinner, please pay in advance using the PayPal link on the SEAC website. For a whole list of other electrochemistry related events at Pittcon, see page 7 of this newsletter. Students should note the second Student-Faculty-Industry Networking session on Tuesday morning, organized once more by Maral Mousavi and Erin Gross; the first one last year was a great success and undoubtedly benefitted all who attended greatly, so please consider joining Maral's and Erin's session. Graduate student members should also consider applying for a SEAC travel grant; for more information check page 3. Finally, board members please remember that since 2017 we have our board meeting on Sunday, 5:30–7:30 PM (Room W/202A).

All these SEAC activities would not be possible without our board members and officers. A big thank you to all of them. I would like to thank in particular Lane Baker, Leslie Sombers, and Bo Zhang, whose BOD membership ends this summer, and a big welcome to Robbyn Anand, Megan Sassin, and Kristin Kline, who are replacing them. We are not really allowing Bo to retire though, as we have just elected him President-Elect.

A special shout-out to Faye Rubinson and Petr Vanysek, who have served SEAC for many years as secretary and treasurer, respectively. Along with preparation of the newsletter (Takashi Ito), and maintenance of the web site and membership administration (Sam Kounaves), you have undoubtedly worked on the most time consuming jobs for SEAC. Faye, Petr, Takashi, Sam, thank you all for your thorough work through the years. I greatly appreciate that Maryanne Collinson has been willing to take over the job of secretary and that David Cliffler will be our new treasurer; as in the case of Bo too, the membership vote shows the utmost trust we have in them.

Hoping to see you at Pittcon,

Phil Buhlmann
President, 2017-2019

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Meetings to Come

How Easy it is to Become a SEAC Member

NOMINATIONS FOR SEAC PROFESSIONAL AND STUDENT TRAVEL AWARDS

Nominations are requested for the Charles N. Reilley Award, the Royce W. Murray Award and Student Travel awards. Deadlines for the Reilley and Murray Awards are **April 1, 2018**, while the deadline for the travel awards is **February 22, 2018**. All nomination materials requested below should be emailed as a single pdf to:

Héctor D. Abruña, E. M. Chamot Professor
Department of Chemistry and Chemical Biology
Director, Energy Materials Center at Cornell
Baker Laboratory, Cornell University
Ithaca, New York 14853-1301
e-mail: hda1@cornell.edu

More information on the awards is available at <http://electroanalytical.org/awards.html>

The Charles N. Reilley Award in Electroanalytical Chemistry is given in memory of one of the most distinguished analytical chemists of the 20th century. Reilley's interests were both fundamental and broad; he made seminal contributions not only to electroanalysis, but also optical spectroscopy, NMR, chromatography, data analysis, instrumentation, and surface analysis. Nominations for the Reilley Award should include a letter of nomination describing the individual's significant contributions to electroanalytical chemistry, at least two seconding letters of support, and a curriculum vitae for the individual. All nomination materials will be retained by SEAC. Once nominated, any individual will be considered for the Reilley Award for three years without being renominated. The submission of any additional supporting information or a renomination is welcome at any time, however, **the decision for the 2019 Award will be based upon the material that was available to the award committee by the 15th of April 2018.**

The Royce W. Murray Young Investigator Award honors investigators who are within ten years of having obtained their Ph.D. or other terminal degree. Candidates may be nominated by any member of SEAC. Nominations should include a letter describing the individual's promise in the area of electroanalytical chemistry, at least one seconding letter of support, and a curriculum vitae for the individual. All nomination materials will be retained by SEAC. Once nominated, an individual will be considered for the Murray Award without being renominated for three years, unless the nominee is more than ten years past awarding of their Ph.D. or other terminal degree. The retained nominations can be updated annually by the nominator as needed to best reflect the nominee's accomplishments to date. **The decision for the 2019 Murray YI Award will be based upon the material that was available to the award committee by the 15th of April 2018.**

The SEAC Graduate Student Travel Grants are awarded to promising graduate students to offset the cost of travel to the Pittsburgh Conference to deliver an oral or poster presentation in a conference symposium. The presentation, unless otherwise noted, should be on a topic related to their dissertation or thesis, and in some area or application of electroanalytical chemistry. Because the costs in various venues of the conference may vary, the amount of the awards will be determined by SEAC and will typically be between \$250 and \$500. The value of all of the awards in any one year will be equivalent, but it may vary from year to year. The award will not exceed the reasonable cost of advance-purchase economy airfare and reasonable expenses for lodging, nor the awardee's actual expenses. In order to spread the travel money as equitably as possible, not more than two awardees will be selected from any one research group and no more than three awards will be made to students from any one educational institution.

The nomination shall consist of the student's current graduate transcript, a copy of the abstract submitted to the Pittsburgh Conference, a complete resume including publication list, and a letter of

recommendation from the student's research advisor. The advisor's letter should include a statement of approximate graduation date and a short description of the student's speaking ability. A candidate shall be considered for an award for travel to Pittcon meetings occurring up to one year after the student's Ph.D. defense. Previous awardees will not be eligible for further consideration.

SEAC ELECTION RESULTS

Congratulations to our new officers and Board members!

- President-Elect: Bo Zhang
- Secretary: Maryanne Collinson
- Treasurer: David Cliffler
- Board of directors: Robbyn Anand, Megan Sassin, and Kristin Kline

PITTCON 2018 – February 25 ~ March 1

SEAC Board of Directors Meeting

The 2018 meeting of the SEAC Board of Directors will be held

Sunday, February 25th, 5:30-7:30 PM
Room W/202A

All current and former members of the Board are invited to attend.

SEAC - Charles N. Reilley and Royce W. Murray Awards Symposium

Monday, February 26th, 1:30pm - 4:55pm
Room 311CD

The Reilley Award Symposium honors the groundbreaking contributions of former University of North Carolina Professors Charles N. Reilley and Royce W. Murray by recognizing excellence in the field of electrochemistry. The 2018 symposium features talks from the C. N. Reilley Awardee, Prof. Patrick Unwin, of the University of Warwick, and the Royce W. Murray Young Investigator Awardee, Prof. Parastoo Hashemi, of the University of South Carolina.

- 1:30 PM Introductory Remarks – Phil Buhlmann
- 1:35 PM Presentation of the 2018 SEAC - Charles N. Reilley Award to Patrick Unwin, University of Warwick, by Phil Buhlmann, SEAC President
- 1:40 PM New Ways of Seeing Electrochemical Processes, Patrick Unwin, University of Warwick
- 2:15 PM Electrocatalysis at Bulk Defect Surface Terminations, Matthew Kanan, Stanford University
- 2:50 PM A Microelectrochemical Flow Cell for Studying Electrocatalytic Reactions on Oxide-Coated Electrodes, Richard M. Crooks, University of Texas, Austin
- 3:25 PM Recess

- 3:40 PM Presentation of the 2018 SEAC - Royce W Murray Award to Parastoo Hashemi, University of South Carolina, by Phil Buhlmann, SEAC President
- 3:45 PM A Multifaceted Approach to Fast Voltammetric Analysis of a Suite of Neurotransmitters and Modulators, Parastoo Hashemi, University of South Carolina
- 4:20 PM High Performance Thermoplastic Composite Carbon Electrodes, Charles S. Henry, Colorado State University

SEAC Reception, Dinner

Monday, February 26th

The Pub

9101 International Drive, Orlando, FL (9 minute walk from Pittcon)

Reception, 5:30 – 7:00 PM, Free Appetizers, Cash Bar

Dinner, 7:00 – 8:30 PM

Faculty, staff, affiliates, professionals: \$55

Student SEAC members: \$40

Cash Bar

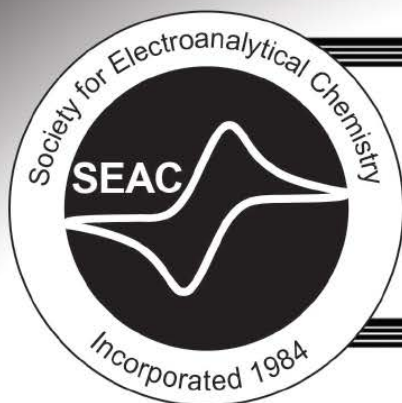
Pay in advance via PayPal through the SEAC Website

(<http://electroanalytical.org/membership.html> under "Contributions and other payments").

Dinner options include:

- Signature Fish and Chips
 - Beer-battered haddock, tartar sauce, lemon, cole slaw
- Smoked Gouda and Chicken Pasta
 - Grilled chicken with bacon, broccoli, red pepper, and green onion, in smoked gouda and parmesan cream sauce
- London Broil
 - 8 oz USDA flat iron steak, served with sautéed mushrooms, bordelaise, whipped potatoes, accent salad
- Cranberry Pecan Salad
 - baby spinach, dried cranberries, mandarin oranges, blue cheese, candied pecans, and orange cranberry vinaigrette

These are served with assorted Mini Dessert Shots, soft drinks, iced tea, and water.

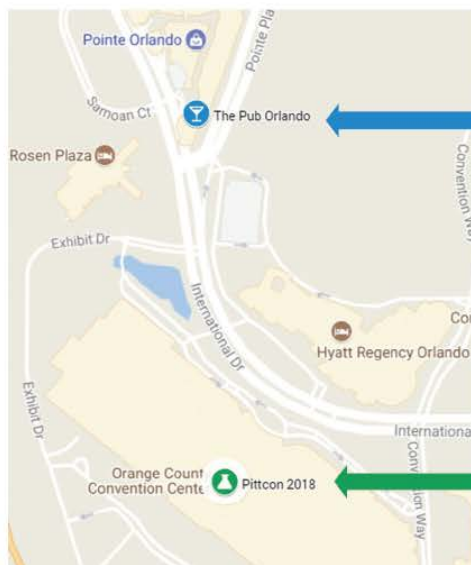


Reception and Dinner at Pittcon 2018

Monday
26 February 2018

Reception
5:30 PM to 7:00 PM

- Free and open to all!
- Following SEAC Award Symposium
- Free Appetizers
- Cash Bar



The Pub Orlando
9101 International Drive

9 minute
walk from
Pittcon 2018

Menu

Choose one of the following options:

- **Signature Fish and Chips**
beer-battered haddock, tartar sauce, lemon, cole slaw
- **Smoked Gouda and Chicken Pasta**
grilled chicken with bacon, broccoli, red pepper, and green onion, in smoked gouda and parmesan cream sauce
- **London Broil**
8 oz USDA flat iron steak, served with sauteed mushrooms, bordelaise, whipped potatoes, accent salad
- **Cranberry Pecan Salad**
baby spinach, dried cranberries, mandarin oranges, blue cheese, candied pecans, and orange-cranberry vinaigrette

with Assorted Mini Dessert Shots, soft drinks,
iced tea, and water.

Dinner

7:00 PM to 8:30 PM

- Faculty, staff, affiliates, professionals: \$55
- Student SEAC Members: \$40
- Cash Bar
- Pay in advance via PayPal

Student-Faculty-Industry Networking: Getting Students Prepared for their Careers

Tuesday, February 27, 2018, 10:30 AM - 12:00 PM, Room 312C

Please attend and encourage your students and postdocs to attend the following Networking Session at Pittcon: "Student-Faculty-Industry Networking: Getting Students Prepared for their Careers" is scheduled for Tuesday, February 27, 2018 starting at 10:30 AM in Room 312 C. This networking session has been organized by SEAC members Maral Mousavi and Erin Gross.

This networking session will facilitate discussions between students and professionals and answer student questions on career and graduate school preparation. Students, faculty and industry representatives are encouraged to attend. Sample discussion topics are "Challenges in career preparation" and "Advice from professionals for students looking into jobs or graduate school."

Electrochemistry Sessions at Pittcon 2018 (Including Poster Sessions)

SUNDAY AFTERNOON, FEBRUARY 25

- *Session 10* Sunday Poster Session, Valencia Ballroom D, W415, 3:30 PM
- *Session 20* ACS ANYL Poster Session, Valencia Ballroom D, W415, 3:30 PM

MONDAY MORNING, FEBRUARY 26

- *Session 40* The Pittsburgh Conference Achievement Award, Room 207A, 8:30 AM
- *Session 70* Emerging Frontiers in Nanoscale Optical Imaging, Room 208C, 8:30 AM
- *Session 110* Nanomaterials-Inspired Biosensing for Biomedical Applications, Room 208B, 8:30 AM
- *Session 130* Wearable and Point-of-Care Sensor Technologies for Biomonitoring, Room 208A, 8:30 AM
- *Session 150* Ionophore-Based Chemical Sensors I, Room 207B, 8:30 AM
- *Session 220* Polymers - Measurement of Properties and Analyses, Room 205B, 8:30 AM

MONDAY AFTERNOON, FEBRUARY 26

- *Session 560* **SEAC** - Charles N. Reilley and Royce W. Murray Awards, Room 311CD, 1:30 PM
- *Poster Session 620* Bioanalytical and Neurochemistry, Room 314, 1:00 PM
- *Poster Session 660* Sensors - Biomedical and Bioanalytical, Room 315, 1:00 PM

TUESDAY MORNING, FEBRUARY 27

- *Session 720* IAEAC - Nanobiosensors for Food Safety, Room 208C, 8:30 AM
- *Session 750* New Technologies for Rapid Monitoring of Neurochemicals In Vivo, Room 208B, 8:30 AM
- *Session 780* State-of-the-Art Optical Microscopy for Polymer Nanostructure Characterization, Room 206A, 8:30 AM
- *Session 800* Ionophore-Based Chemical Sensors II, Room 309AB, 8:30 AM
- *Poster Session 940* Biomedical and Bioanalytical Electrochemistry, Exposition Floor, Aisles 2000-2700, 10 AM

TUESDAY AFTERNOON, FEBRUARY 27

- *Poster Session 1080* Nanotechnology - Bioanalytical, Exposition Floor, Aisles 2000-2700, 1 PM
- *Poster Session 1090* Nanotechnology - Electrochemistry, Exposition Floor, Aisles 2000-2700, 1 PM
- *Poster Session 1100* Sensors - Materials and Environmental, Exposition Floor, Aisles 2000-2700, 1 PM

WEDNESDAY MORNING, FEBRUARY 28

- *Session 1150* Biochemical Analysis at the Limits of Single Molecules and Single Cells, Room 208A, 8:30 AM
- *Session 1250* Pushing the Limits of In Vivo Neurotransmitter Detection, Room 308A, 8:30 AM

- *Session 1260* Bioanalytical Electrochemistry, Room 308D, 8:30 AM
- *Poster Session 1360 SEAC* Posters, Exposition Floor, Aisles 2000-2700, 10 AM
- *Poster Session 1310* Analytical Applications in Material Science, Exposition Floor, Aisles 2000-2700, 10 AM
- *Poster Session 1340* Fuels, Energy, and Petrochemical Analysis, Exposition Floor, Aisles 2000-2700, 10 AM

WEDNESDAY AFTERNOON, FEBRUARY 28

- *Session 1380* The Ralph N Adams Award, Room 310AB, 1:30 PM
- *Session 1440* Neurotransmission at Single and Nano-Resolved Bio-Structures, Room 207B, 1:30 PM
- *Session 1500* A Symphony of Neurochemical Tools 2.0, Room 205B, 1:30 PM
- *Session 1520 SEAC*: The Student Session in Electroanalysis, Room 308A, 1:30 PM
- *Poster Session 1640* Undergraduate Poster Session, Exposition Floor, Aisles 2000-2700, 3 PM

THURSDAY MORNING, MARCH 1

- *Session 1760* Bioanalytical - Electrochemistry, Room 205A, 10:05 AM
- *Session 1820* Nanotechnology - Electrochemistry, Room 205A, 8:30 AM
- *Session 1830* Neurochemistry - Normal and Pathological Brain Measurements, Room 205B, 8:30 AM
- *Session 1840* Neurochemistry of Serotonin and Dopamine, Room 205C, 8:30 AM
- *Poster Session 1890* Electrochemical Sensing, Exposition Floor, Aisles 2000-2700, 10 AM

THURSDAY AFTERNOON, MARCH 1

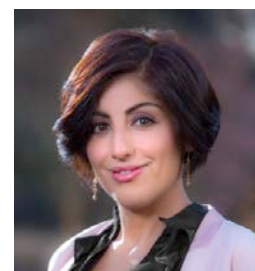
- *Session 2130* Neurochemical Electrochemistry, Room 205C, 1:30 PM
- *Poster Session 2190* NIH Forensic Science Research & Development Poster Session, Exposition Floor, Aisles 2000-2700, 1 PM

NEWS FROM MEMBERS

Israel Rubinstein, Weizmann Institute of Science, passed away on October 23, 2017.



Parastoo Hashemi, University of South Carolina, won the 2018 Pittcon Achievement Award.



Joseph Wang, Distinguished Professor and Chair of Nanoengineering at UC San Diego, was awarded a "Doctor Honoris Causa" (honorary doctorate) by two universities in Europe last November.

On, Nov. 20, Charles University in Prague awarded Wang an honorary doctorate in Natural Sciences for his "outstanding academic achievements in the field of Analytical Chemistry." (see photo from the Ceremony)



And on Nov. 24, the Senate of the Iuliu Hațieganu University of Medicine and Pharmacy in Cluj-Napoca, Romania, conferred an honorary doctorate on Wang in recognition of his "prodigious merits in the field of Electrochemistry."



Gary Christian, University of Washington, was honored for his 80th birthday by a special issue of *Talanta* (for which Gary has been Editor-in-Chief since 1989).

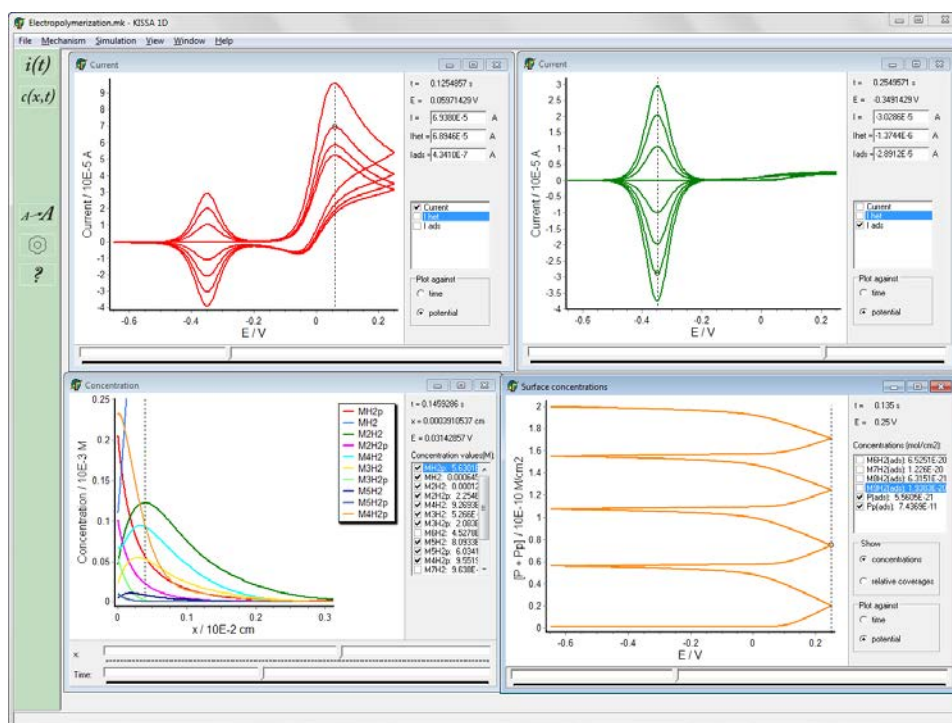
<https://doi.org/10.1016/j.talanta.2017.10.047>



Scott Shaw, University of Iowa, informed that his recent graduate, Dr. Anthony Lucio, accepted a postdoc position with Prof. Julie McPherson at the University of Warwick. He will be working on development, application and modeling of electrochemical sensing technology.



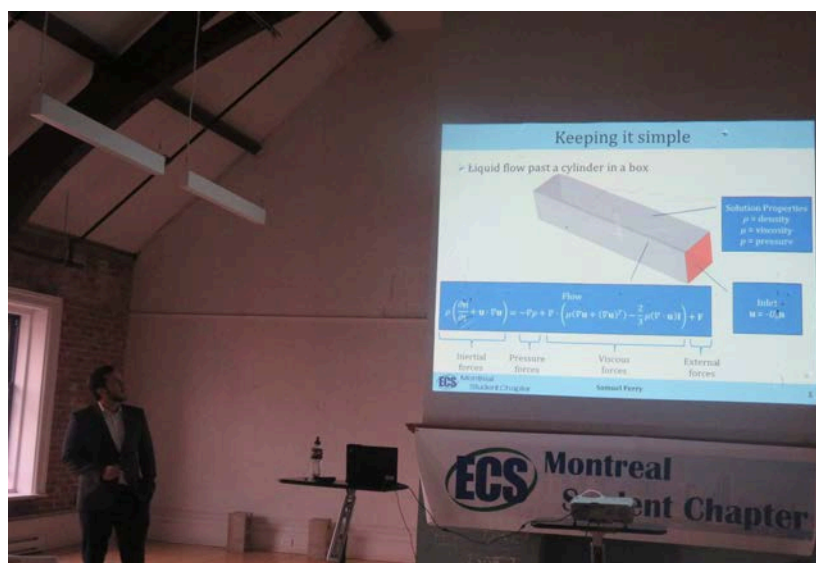
Jonathon Howell is with the start-up company, Emergent Instruments, and can be contacted at jon@emergentinstruments.com. One product they are promoting is the KISSA-1D© software developed by Oleksiy Klymenko, Irina Svir and Christian Amatore, which provides numerical simulations of Electrochemical problems/mechanisms of any complexity including diffusional mass transport, homogeneous and heterogeneous kinetics, adsorption/desorption, ECL giving the accurate concentration profiles, currents (CV), coverage, etc. (<http://www.emergentinstruments.com/wp/products/kissa-1d-electrochemical-simulation-software/>)



Simulations for the electropolymerization of pyrrole.

Tomer Noyhouzer, McGill University, reports on a mini symposium that focused on electrochemical flow systems:

Electrochemical flow systems have a broad application scope in research and applied fields such as environmental, industrial and medicine. On Dec 1st 2017, The Electrochemical Society (ECS) Montreal Student Chapter hosted a mini symposium that focused on electrochemical flow systems. The event was designed for both people taking their first steps to familiarize themselves with the world of flow electrochemistry as well as seasoned electrochemists who wish to expand their knowledge and learn new tricks. The symposium was divided into two sections; the first was composed of talks from invited speakers, Dr. Tomer Noyhouzer and Dr. Samuel C. Perry from McGill University. Dr. Noyhouzer covered all fundamental aspects associated with developing an experimental electrochemical flow system, including common trouble shooting techniques and up-to-date examples. Dr. Perry focused on the theoretical side, explaining how to approach the topic from a simulation point of view and the advantages it can provide. The second part of the event was a Q&A session followed by a wonderful wine & cheese networking event that hopefully sparked peoples interest in flow electrochemistry and will generate future works in this field.



Dr. Samuel C. Perry keeping it simple during his talk on simulating electrochemical flow systems.



ECS Montreal Student Chapter committee members and invited speakers (from left to right): Lisa I. Stephens, Dr. Samuel C. Perry, Samantha M. Gateman, Dr. Tomer Noyhouzer, and William Odette.

MEETINGS TO COME

Meetings of interest to our SEAC members abound during the coming year, with symposia being organized by some among us.

Meeting	When	Where	Link for More Information
2018 CEC Annual Workshop on Electrochemistry	2018, Feb. 10–11	Austin, TX	http://cec.cm.utexas.edu/electrochemistry-workshop-2018
Pittcon 2018	2018, Feb. 26 – March 1	Orlando, FL	https://pittcon.org/
255 th ACS National Meeting	2018, March 18–22	New Orleans, LA	https://www.acs.org/content/acs/en/meetings/national-meeting.html
22 nd ISE Topical Meeting – Materials Engineering and Process Optimization at Electrified Solid/Liquid Interfaces	2018, April 15–18	Tokyo, Japan	http://topical22.ise-online.org/
23 rd ISE Topical Meeting – Electrochemistry for Investigation of Biological Objects: from Functional Nanomaterials to Micro/Nano-Electrodes	2018, May 8–11	Vilnius, Lithuania	http://topical23.ise-online.org/
233 rd ECS Spring Meeting	2018, May 13–17	Seattle, WA	http://www.electrochem.org/233
14 th International Fischer Symposium	2018, May 27–31	Kloster Seeon, Germany	http://www.fischer-symposium.org/
8 th International Conference on Electrochemistry in Nanosciences: <i>Electrochemistry for Nano & Nano for Electrochemistry</i>	2018, May 29–31	Nancy, France	http://www.elecnano.fr
17 th International Conference of Electroanalysis – ESEAC2018	2018, June 3–7	Rodos, Greece	http://www.esac2018.com/
GRC in Bioanalytical Sensors	2018, June 24–29	Newport, RI	http://www.grc.org/programs.aspx?id=13734
Electrochemistry at Nano-interfaces: Faraday Discussion	2018, June 26–28	Bath, UK	http://rsc.li/nanointerfacesfd2018
Gordon Research Conference on Ionic Liquids	2018, Aug 12–17	Newry, ME	https://www.grc.org/ionic-liquids-conference/2018/
256 th ACS National Meeting	2018, Aug. 19–23	Boston, MA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
69 th ISE Annual Meeting	2018, Sept. 2–7	Bologna, Italy	http://www.ise-online.org/ise-conferences/next_ISE-meetings.php

Meeting	When	Where	Link for More Information
EUROCORR 2018	2018, Sept 9-13	Krakow, Poland	http://eurocorr2018.org
AiMES 2018	2018, Sept. 30–Oct. 4	Cancun, Mexico	http://www.electrochem.org/upcoming-meetings/
7 th Baltic Electrochemistry Conference: Finding New Inspiration	2018, Nov 4-7	Tartu, Estonia	http://bechem2018.ut.ee/home-0
257 th ACS National Meeting	2019, March 31–April 4	Orlando, FL	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
235 th ECS Meeting	2019, May 26–31	Dallas, TX	http://www.electrochem.org/upcoming-meetings/
70 th ISE Annual Meeting	2019, Aug 4-9	Durban, South Africa	http://annual70.ise-online.org/index.php
258 th ACS National Meeting	2019, Aug. 25–29	San Diego, CA	https://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html
236 th ECS Meeting	2019, Oct. 13–17	Atlanta, GA	http://www.electrochem.org/upcoming-meetings/

2018 CEC Annual Workshop on Electrochemistry — Feb. 10-11, 2018

Each year, the CEC Annual Workshop on Electrochemistry brings together experts in fields of engineering, materials, and electrochemistry to focus on a few topics in important areas of electrochemical research. Electrochemistry is the foundation for chemical transducers and sensors and is poised to play an increasing role in the analysis of chemical and biological interfaces; and for the high-resolution study of ion/charge transport and dynamics, electron transfer, adsorption, and chemical toxicity. Participants address specific challenges in the field, exchange ideas and information, and catch up with colleagues from around the world.

This exclusive workshop features scientists and researchers from top universities, national laboratories, and electrochemical industries discussing cutting-edge electrochemical science, and addressing issues with respect to the mechanisms of electron transfer. We anticipate a day of great speakers, with a casual atmosphere that fosters interaction between students, postdocs, faculty, representatives from industry, and national labs.

The workshop features technical presentations and posters from several different perspectives covering areas ranging from electrocatalysis, electrochemical sensors, and electroanalysis. The [2018 CEC Annual Workshop on Electrochemistry](#) will be held February 10-11, 2018 and will focus on three main topic areas: **Electrochemistry for the Climate and Environment**, **Next Generation Batteries**, and **In Situ Characterization of Intermediates in Electrocatalysis**.

Symposium: The following speakers will be presenting at this conference.

Saturday, February 10, 2018

Electrochemistry for the Climate and Environment

Brian Chaplin, University of Illinois at Chicago

Substoichiometric titanium dioxide electrodes for water treatment applications.

Stuart Licht, George Washington University

Facile electrochemical conversion of the greenhouse gas carbon dioxide to valuable and useful products

Ryan Gilliam, Chemetry Corp.

Lower energy production of commodity chemicals

Next Generation Batteries

John Goodenough, The University of Texas at Austin

Properties of a Remarkable Glass
Andrew Gewirth, University of Illinois at Urbana-Champaign
Solid State Electrolytes and Electrodes for Advanced Energy Storage
Linda Nazar, University of Waterloo
Title to be determined

Sunday, February 11, 2018

In Situ Characterization of Intermediates in Electrocatalysis

Hector Abruna, Cornell University
Operando Methods for the Study of Energy Materials

Hyun S. Ahn, Yonsei University
Surface Interrogation of Oxygen Evolving Catalysts by Scanning Electrochemical Microscopy

Charles T. Campbell, University of Washington

Lessons to be learned by comparing aqueous-phase electrocatalytic hydrogenation, aqueous-phase thermal hydrogenation, and gas-phase hydrogenation over Pt, Rh, and Pd

Bruce Dunn, University of California Los Angeles
Designing Oxide Materials for High Rate Energy Storage

Posters: Students, postdocs, and participants from industry are invited to present posters at the poster session/reception scheduled for Saturday, February 10, 2018, from 5:30-8pm. To present a poster, you must register for the workshop and contact Stephanie Huntzis at Stephanie.huntzis@cm.utexas.edu to reserve a spot.

Exhibition: There are a limited number of spaces available for table exhibits at the poster session. Companies must be a current member of the CEC Industrial Affiliates program in order to exhibit. Contact Stephanie Huntzis at Stephanie.huntzis@cm.utexas.edu for more information. Registration is now open! Please register early to secure your spot.

Additional information and updates can be found at <http://cec.cm.utexas.edu/>

255th ACS National Meeting: Symposium “Physical Chemistry of Ionic Liquids (PHYS008)”

Scott Shaw, University of Iowa, informed SEAC members of Physical Chemistry of Ionic Liquids (PHYS008) which will run from March 18 (Sun) to 22 (Thu). Monday's sessions in particular will be focused on electrochemical aspects of ionic liquids.

Gordon Research Conference on Ionic Liquids

Scott Shaw, University of Iowa, would like to draw attention to the upcoming Gordon Research Conference on Ionic Liquids "Ionic Liquids as a Critical Enabling Technology for Meeting Current and Future Needs in Energy, Materials, and Living Systems", is scheduled for the 12nd to 17th August in Newry, ME. The link for more information is <https://www.grc.org/ionic-liquids-conference/2018/>. It would be very nice to have a strong showing from the electrochemical community!

HOW EASY IT IS TO BECOME A SEAC MEMBER

Any individual with an interest in electroanalytical chemistry is invited to join SEAC. Regular one-year membership dues are \$30. Student dues are \$10. Dues are payable on January 1 of each year. A lifetime membership option is available for \$300, payable either as a lump sum or in three annual, nonrefundable installments of \$100.

To become a new member of SEAC, go to <http://electroanalytical.org/membership.html>, fill out the downloadable membership form, and pay either by check or on-line.