



Division 1 – Analytical Electrochemistry Annual Report – August 2017

Agenda:

- **Division officers**
- **Past, present and future meetings and symposia**
- **Awards**
- **Budget**
- **Suggestions for additional activities**



Division Officers

Chair: Daniel Mandler (Hebrew University, Israel)



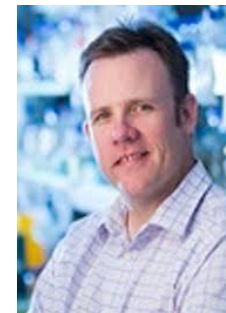
Past Chair: Fethi Bedioui (CNRS, Chimie ParisTech, France)



Chair Elect: Alain Walcarius (CNRS, Université Lorraine, France)



**Vice-Chairs: Ritu Katakya (Durham University, UK and
Conor Hogan (La Trobe University, Australia)**



Number of Div 1 members: 1048 of 3762



Past, present and future meetings and symposia

In 2016 (67th ISE in Den Hague):

Symposium 1: “New Horizons in Analytical Electrochemistry”

By Thomas Doneux (Coordinator), Annemie Adriaens, Priscilla Baker & Fethi Bedioui

Symposium 2: Nanostructured Materials in Electroanalytical Chemistry”

By Daniel Mandler (Coordinator), Alison Downard, Stanley Lai & Liza Rassaei

Division 1 co-sponsored with Divisions 2 and 6, Symposium 4:

“Electrochemical Approaches in Diseases and Human Health”

By Woonsup Shin (Coordinator), Fethi Bedioui, Marilia O. F. Goulart, Susan M. Lunte & Lanqun Mao



In 2017 (68th ISE in Providence):

Symposium 1: “New experimental trends in analytical electrochemistry”

By Priscilla Baker (Coordinator), Carol Korzeniewski, José M. Pingarron, Philippe Buhlmann

Symposium 2: “Flow and microfluidic systems in analytical electrochemistry”

By Vincent Vivier (Coordinator), Ingrid Fritsch, Lane Baker, Daniel Mandler

Division 1 is also co-sponsoring

Symposium 3: “Electrochemical Approaches to Clinical Diagnostics and Medical Devices”

Sponsored by Divisions 1 and 2

By James F. Rusling (Coordinator), Fethi Bedioui, Woonsup Shin & Frédérique T. Deiss

Symposium 14: “Let there be Light in Electrochemistry: From Electrogenenerated Chemiluminescence to Fluorescence”

Sponsored by: Divisions 1, 2 and 6

By Gary Blanchard (Coordinator), Zhifeng Ding, Pawel Krysinski, Neso Sojic, & Giovanni Valenti)



In 2018 (69th ISE in Bologna, 2-7.9.2018):

Symposium 1: “Nanomaterials for electroanalytical chemistry and electroanalytical tools for studying nanomaterials”

By Daniel Mandler (Coordinator), Shuping Bi, Luigi Falciola and Luisa Torsi

Symposium 2: “Hyphenated-techniques incorporating analytical electrochemistry”

By Fethi Bedioui (Coordinator), Massimo Marcaccio, Fabien Miomandre and Renato Seeber

Division 1 is also co-sponsoring

Symposium 4: “Bipolar electrochemistry, from bioanalysis to materials science” Sponsored by Divisions 1, 2 and 4

By Alexander Kuhn (Coordinator), Fredrik Björefors, Richard Crooks and Paolo Ugo



Symposium 7: “Electrochemical systems for energy conversion: fuel cells, electrolyzers”

Sponsored by Divisions 3, 1 and 4

By Vito Di Noto (Coordinator), Antonino Aricò, Deborah Jones and Hiroyuki Uchida

Symposium 13: “Electrochemistry applied to cultural heritage”

Sponsored by Divisions 4, 1 and 6

By Susana Cordoba de Torresi (Coordinator), Christopher Brett, Cristina Chiavari, Kurt Kalcher, Ligia Moretto

Symposium 19: “Single Entity Electrochemistry”

Sponsored by Divisions 7, 1 and 2

By Patrick Unwin (Coordinator), Paolo Actis, Damien Arrigan and Stefania Rapino



Sponsored Meetings

2016

- **2nd International Meeting on Electrogenenerated, Chemiluminescence. 29-31 August 2016, Bordeaux, France**
- **2nd African conference/workshop (an international conference on all aspects of nanotechnology) 4-7 July 2016, Nsukka, Nigeria**
- **16th International Conference on Electroanalysis. 12-16 June 2016, Bath, United Kingdom**
- **Electrochemistry in Nanoscience. 23-25 May 2016, Lille, France**



2017

Sponsored Meetings

- **Electrochemistry in... Ingenious Molecules, Surfaces and Devices, Italy, Milano Marittima, June 4-8, 2017, Alexander Kuhn**
- **VI Symposium on Hydrogen, Fuel Cells and Advanced Batteries (HYCELTEC 2017), June 19-23, 2017, Porto, Portugal, Chair: José Sousa**
- **9th Workshop on Scanning Electrochemical Microscopy and Related Techniques, August 13-17, 2017, close to Warsaw, secm-workshop.org, Wojciech Nogala**
- **9ème édition des Journées de Chimie Analytique, (J.C.A.), September 27-29, 2017 à Ngaoundéré – Cameroun, Prof. Noumi Guy Bertrand**



Procedure for Division Symposia in the Annual Meetings

- **July 2017: The President Elect invites the Division Officers to propose symposia;**
- **August 2017: The Division Officers discuss possible symposia with members during Divisional luncheon meetings (31 August, Providence)**
- September/October 2017: The Division Officers propose symposia (by sending the proposal forms to President Elect and ISE Office) and Symposium Organizers (normally two per symposium, unless more than two divisions are involved)**
- **November 2017: The Organizing Committee appoints the “local” Symposium Organizers representing the host country**
- **December 2017: The Symposium Organizers (representing Divisions and host country) write the final symposium description to be published in the Call for Papers, by updating the initial proposals submitted in September/October.**



Division Awards

The Early Career Analytical Electrochemistry Prize of ISE Division 1 (Sponsored by Orignalys)

2014, Dr Jan Vacek (Palacky Univesity, Olomouc, Czech Republic)

2015, Dr. Bryan McCloskey (University of California, Berkeley, USA) in recognition of his contributions to a highly interdisciplinary teams on understanding the fundamental chemistry of lithium-air batteries.

2016, Dr Kosuke Ino (Graduate School of Environmental Studies, Tohoku University , Sendai, Japan) for his research on integrated electrochemical devices based on micro/nanochemistry for bioassays





The Early Career Analytical Electrochemistry Prize of ISE Division 1 (Sponsored by Orignalys) 2017

Prof. Kristina Tschulik, Ruhr-University Bochum

The Early Analytical Electrochemistry Prize of ISE Division 1 is awarded to Prof. Kristina Tschulik, Ruhr-University Bochum in recognition of her excellent work applying electrochemistry for the physical and chemical characterization of nanostructures and in particular single nanoparticles.





Budget

DIVISION 1 BUDGET 2017	806.88 €	4,085.83 €	4,892.71 €	0.00 €
	remaining 2016	allocated 2017	Total 2017	4,892.71 €

Unused excess from 2016

Meeting surplus participation 1,929.40 €

AVAILABLE to DIVISION 1 in 2017	6,822.11 €
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- **The sum that can be transferred to the second year**
- **Committed expenses**



Budget Rules for the Divisions 2017

- 10000 CHF is shared between the 7 divisions: $10000/7 = 1428.57$ CHF
- 20000 CHF is shared between the divisions according to the number of members.
- The total number of members is 6051. This number is larger than the number of ISE member because some members are involved in more than one division.
- So, for each division a sum of 3.31 CHF is given per member. ($20000/6051 = 3.31$).
- Each division receives $S = 1428.57 \text{ CHF} + (3.31 * x)$ where x is the number of members in the division.

The division budgets

+ available funds (+/-) from 2016 (up to a total of +2S)

+ meeting surplus (3 years with 33.3% of shared surplus from topical meetings)



Suggestions for additional activities

- Suggested symposia and organizers for Durban 2019
- Travel money for young scientist?
- How to increase the number of the Division members?
- Topical meetings of Div 1?
- ... more?