



## **Division 1 – Analytical Electrochemistry Annual Report – September 2018**

### **Agenda:**

- **Division officers**
- **Coming elections**
- **Past, present and future meetings and symposia**
- **Awards**
- **Budget**



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## 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: 1041 of 3705**



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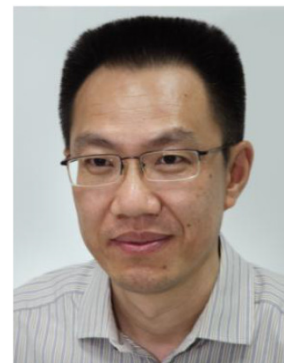
## Coming Elections

During the final part of the present year, the members of each Division will be invited to vote for the election of Division Chairs Elect who will serve in the years 2019-2020, becoming then Division Chairs in the years 2021-2022.

1. One page CV of the candidate.
2. One page letter of motivation.
3. Names of at least 5 other ISE members who support the nomination of the candidate to the Chair Elect of Division.



**Luigi Falciola**  
**Università degli Studi di Milano**



**Yitao Long**  
**East China University of Sci. Tech. (ECUST)**



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## Past, present and future meetings and symposia

### In 2017 (68<sup>th</sup> 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 Kryszynski, Neso Sojic, & Giovanni Valenti)



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**In 2018 (69<sup>th</sup> 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**



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**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**



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## **In 2019 (70<sup>th</sup> ISE in Durban):**

**Symposium 1: “Recent Trends in Electroanalysis and Low-Cost Electrochemical Sensors”**  
By Alain Walcarius (Coordinator), Pedro Estrela, Emmanuel Iwuoha, Ritu Katakya

**Symposium 2: “Sensors and Biosensors for Biomedical and Environmental Applications”**  
By Taek Dong Chung (Coordinator), Priscilla Baker, Ronen Fogel, Anthony Guiseppi-Elie

**Division 1 is also co-sponsoring**

**Symposium 5: “Gold and Related Noble Metals in Electroanalysis, Electrocatalysis, and Electrochemical Devices” Sponsored by Divisions 1 and 6**

**By Patrizia Mussini (Coordinator), Munkombwe Muchindu, Francesco Paolucci, Jessie Pillay, Alain Walcarius**

**Symposium 19: “Imaging Heterogeneous Electrochemical Processes: From Single Molecules and Nanoparticles to Vesicles and Cells”**

**Sponsored by: Divisions 1 and 2**

**By Nongjian Tao (Coordinator), Aziz Amine, Ismael Diez-Perez, Wei Wang**



**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](http://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**





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## Sponsored Meetings

**2018**

- **11<sup>th</sup> International Workshop on Engineering of Functional Interfaces, Italy, Milano Marittima, July 1-3, 2018, Wittenberg, Chair: Michael Mertig**
- **ElecNano 8, Electrochemistry for Nano & Nano for Electrochemistry, May 29-31, 2018, Nancy, Chair: Alain Walcarius**
- **ESEAC 2018, The 17th International Conference on Electroanalysis, June 3-7, 2018, Rhodes, Chair: Anastasios Economou**



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## 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





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## Division Awards

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

**2017, 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.**





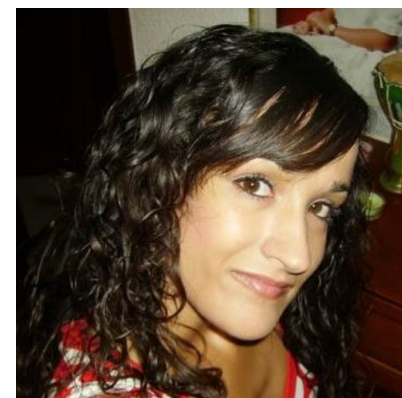
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**The Early Career Analytical Electrochemistry Prize of  
ISE Division 1 (Sponsored by Orignalys)  
2018**

**Dr. Maria Cuartero,**

**KTH Royal Institute of Technology, Stockholm, Sweden**

**The Early Analytical Electrochemistry Prize of ISE Division 1 is awarded to Dr. Maria Cuartero for her continuous contribution to the electrochemical detection of various species in aquatic systems based mostly on potentiometric methods.**





**Travel Awards – Division 1  
2018**

- 🏆 **Mary Enschede, Michigan State University, USA**
- 🏆 **Sarasi Galagedera, University of Albany-SUNY**
- 🏆 **Serife Ustuner, University of Bath, UK**
- 🏆 **Ferenc Arpad Szoke, Babes-Bolyai University, Romania**
- 🏆 **Ying Zhang, Monash University, Australia**



## Budget 2018

Division Funds 2018	BudgetsFr	sFr. 30,000.00	exchange rate 31 dec. 2017	Remaining from 2017	shared meeting surplus	surplus from 2017 meeting available in 2018	yearly 33% of past meeting surplus from 2015, 2016	Bounds	TOTAL FUNDS 2018	meetings surplus for upcoming years	Bounds
Division 1		sFr. 1,428.57									
	645	sFr. 2,891.08									
		sFr. 4,319.65	3,671.70 €	3,774.11 €	0.00 €	0.00 €	1,332.16 €	1	8,675.57 €	1,213.30 €	2
				102.41 €-			1,213.30 €	2		0.00 €	3

## Expenses 2018

11th International Workshop on Engineering

€ 300.00

Travel awards

€ 1,500.00