

Report of activities: Argentine section of ISE

Prepared for the Meeting of Regional Representatives of ISE,
66th Annual Meeting, Taipei, Taiwan, October 2015

Membership

The membership exhibited a decrease from 43 members from two years ago to 34 this year. This decrease is seemingly due to the current economical situation in Argentina that is reflected in the difficulty of obtaining foreign currencies and the application of a tax of 30% for every payment made abroad. As this type of crisis are not uncommon in Argentina, and a new president will be elected in October, I expect that the situation will revert in a not long time. Therefore we are periodically contacting colleagues to interest them in becoming members of ISE (or returning to ISE if it is the case).

Activities

I have participated in the Lausanne ISE meeting and in the ISE Regional Representatives and Council meetings. The presence of Argentina ISE members in Lausanne showed a slight decrease respect to previous meetings due, as mentioned above, to financial constraints.

One of our ISE members, Dr. M. E. Vela participated in the organisation of the Topical Meeting held in Saint Malo, France, this year, where she also presented part of her work.

At the end of the last year I was elected as national representative for a second term. During this year we have intensively been working on the organisation of the 20th Topical Meeting, that will take place in Buenos Aires from 19th to 22nd March, 2017. The topic will be “Advances in Lithium and Hydrogen Electrochemical Systems for Energy Conversion and Storage”, and will take place at the Auditoriums of the Pontifical Catholic University of Argentina. The organising committee includes Dr. Ezequiel Leiva and myself, whereas the local committee includes E. Calvo, J.L. Fernández, G. Luque (a new ISE member) and A. Visintin. We expect that the arrival of this ISE Meeting to Argentina will motivate particularly young people to join our society.

Best regards,



Agustin E. Bolzan

Report of the ISE Regional Representative for Australia & New Zealand 2015

Dr. Conor Hogan

Membership

The number of Australia & New Zealand ISE members stands at 82.

Activities

Preparations are underway for the 19th ISE Topical Meeting to be held in Auckland, New Zealand on 17- 20 April 2016. <http://topical19.ise-online.org/index.php>

Other

The regions of Australia and New Zealand were consolidated this year by mutual agreement of the members in both regions. C. Hogan was elected as regional representative for the new Region.

ISE Report from the Belgian Regional Representative

Prepared for the 66th Annual Meeting of ISE in Taipei, Taiwan

Members

Since 2011, the number of members is at least 40. Presently ISE counts 43 persons registered as Belgian members.

The interest of the Belgian members in the different divisions is given here:

- Division 4: Electrochemical Materials Science – 18 members
- Division 3: Electrochemical Energy Conversion And Storage – 15 members
- Division 2: Bioelectrochemistry – 13 members
- Division 7 Physical Electrochemistry – 13 members
- Division 1: Analytical Electrochemistry - 11 members
- Division 5: Electrochemical Process Engineering And Technology – 10 members
- Division 6 Molecular Electrochemistry – 6 members

Activities

- Each year, the Dutch and Belgian electrochemistry community gathers for the annual meeting of the working group on electrochemistry of the Koninklijke Nederlandse Chemische Vereniging (KNCV). This one day symposium, which benefits from financial support from the ISE provides a common meeting ground for fundamental and applied electrochemistry experts from both countries. In 2014, the symposium, on the theme of Electrochemistry in non-traditional media, was held at the University of Antwerpen, Belgium, on November 7th. A presentation about the activities of the Society and the upcoming 67th Annual Meeting was held at this meeting.
- Belgian ISE members have organized the **first Summer Meeting On Bio-Electrochemistry (SMOBE-2015)**, which was held from **17 to 20 August 2015** in Antwerp, Belgium. More than 40 persons from all over the world have participated to this first meeting sponsored by ISE.
We would like to congratulate the following young scientists for their contributions to SMOBE-2015:
Best oral presentations: Hanan Al-Kutubi (Rijksuniversiteit Groningen) and Daliborka Jambrec (Ruhr- Universität Bochum)
Best poster presentation: Marie Vandepuut (Université Libre de Bruxelles).
- A presentation about the activities of the ISE and the upcoming 67th Annual Meeting was held at these meetings.



Elections

My second term as Regional Representative will finish end 2015. Elections for a new Representative for Belgium for 2016-2018 will have to be organized.

A handwritten signature in purple ink, appearing to read 'Herman'.

Prof. Claudine Buess-Herman

Report of the ISE Regional Representative of Brazil 2015

A - Membership

The number of ISE members has grown from 62 in December 2011 to 90 in July 2012, 110 in July 2013, remaining more or less constant after that and reaching 107 members in July 2014, and finally 120 in September 2015.

B - Activities

1) 16th ISE Topical Meeting, organized by Romeu C. Rocha-Filho (S. Carlos Federal University, S. Carlos, Brazil) and Greg M. Swain (Michigan State University, East Lansing, USA). Theme “Electrochemical Properties and Applications of Advanced Carbon Materials”; 22-25 March 2015. Vila Galé Eco Resort de Angra, Angra dos Reis, Brazil.

Home page: <http://topical16.ise-online.org/index.php>

2) Forthcoming meeting: Regional Brazilian event concerning Environmental Electrochemistry to be held in Natal, between 9 and 12 November 2015.

This meeting includes several oral communications by renowned speakers (international and national scientists) and graduate/postgraduate students that are studying the application of electrochemical technologies for environmental protection.

The meeting is named "3th ISE Satellite Regional Symposium on Electrochemistry - Environmental Electrochemistry Meeting" (3a Semana de Eletroquímica Ambiental) and the objective is to promote the interest for the electrochemical approaches for different environmental applications.

The ISE will support this meeting with 600 Euros

Sincerely yours,

Hamilton Varela

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BULGARIAN ACADEMY OF SCIENCES

INSTITUTE OF ELECTROCHEMISTRY AND ENERGY SYSTEMS

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Report of activities: Bulgarian section of ISE

prepared for the Meeting of Regional Representatives of ISE,
66rd Annual Meeting, Taipei, Taiwan, October 2015

Membership:

The ISE membership stands at 14 members in 2015, which is the same as in 2014. In 2015 Bulgarian ISE members elected Evelina Slavcheva to act as regional representative in the period 2015-2017.

Scientific activity:

In 2015 Bulgarian Electrochemical Society organized an ISE-sponsored meeting - 5th Regional Symposium of Electrochemistry – South East Europe (Borovets, 7-11 June 2015). In this important regional conference for the first time took part representatives of 18 electrochemical societies in the South Eastern European region and beyond (Moldova, Ukraine). The fifth edition of RSE SEE was co-organized by the Acad. Evgeni Budevski Institute of Electrochemistry and Energy Systems – Bulgarian Academy of Sciences (IEES), the Rostislav Kaishev Institute of Physical Chemistry – Bulgarian Academy of Sciences (IPC), and the University of Chemical Technology and Metallurgy. The conference was supported by the Bulgarian Electrochemical Society, the International Society of Electrochemistry, Bulgarian Ministry of Education, the Organization for Prohibition of Chemical Weapons (OPCW), DropSens (Spain), and PalmSens (Germany). The event was joined by the Bulgarian scientific forum “Sofia Electrochemical Days”2015 (SED).

Sofia, 31st of August 2015

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Evelina Slavcheva
ISE Regional Representative for Bulgaria



Dr. Marco Musiani, ISE Executive Secretary
IENI-CNR
4 Corso Stati Uniti
35127 Padova
ITALY

September 30th, 2015

Re. Regional Representative's Report – Canada

Dear Doctor Musiani:

Canadians are active members of the International Society of Electrochemistry (ISE) and participate in its annual and topical meetings. The number of Canadian ISE members is 114 (as of September 2015). It decreased slightly (6.5%) as compared to August 2014, when it had 122 members. The higher Canadian ISE membership in 2014 was associated with the ISE Spring Topical Meeting held in Niagara Falls, Canada, 27-30 April 2014. The membership in 2013 was 86. Thus, a large number of new Canadian ISE members recruited in 2014 has remained.

Recent and new activities in Canada in 2014-2015:

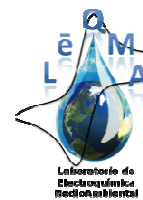
International Symposium on Electrocatalysis 2014, “Explorations of the Volcano Landscape”, Whistler, B.C., Canada, October 26th–29th, 2014. It was a highly successful meeting attended by over 100 researchers active in the area of electrocatalysis, interfacial electrochemistry, physical electrochemistry and fuel cells.

ISE was featured during the International Symposium on Electrocatalysis 2014 and acknowledged as a sponsor of the event.

Please, do not hesitate to contact me should you require any additional information or clarification.

Yours truly,

Gregory Jerkiewicz, Ph.D., M.Eng.
Professor
Canadian Regional Representative



International Society of Electrochemistry

Annual ISE report of Chile – 2015

- 1.- Currently, there are 37 ISE members in Chile (August, 2015).
- 2.- In January 2015, was realized the V Meeting of the Electrochemical Division of Chile (DEQ), in Santiago, Chile. Web site: <http://www.deq.cl/>. Coming soon, the DEQ will meet in the XXXI Conference Chilean Chemistry (XXXI Jornadas Chilenas de Química) in Concepción, Chile.
- 3.- In January 2015, was realized the Second Summer School of Electrochemistry in the University of Santiago of Chile, were 40 students throughout Chile who participated in class and laboratories. The lectures were given by professors of the University of Santiago of Chile, and laboratories were given by young professors, postdocs and PhD students. Sponsors: ECS, DEQ & SChQ, Melvyn Becerra (Autolab) and Agencias RubioyGras (CHIInstrument).

Ricardo Salazar González
Regional Representative of Chile

10th August, 2015

ISE report 2015 -China

MEMBERSHIP

China has 206 members of ISE now. Comparing with 174 members in 2014, it has increased 18%.

ORGANIZED MEETINGS

1. The 18th National Electrochemistry Conference of China

Chinese Society of Electrochemistry (CSE) organizes regularly national electrochemistry conference every two years. The 18th National Electrochemistry Conference of China was held in Ha'erbin in August 7-11, 2013. More than 2,000 representatives were attended in the conference. The representatives were from different universities, institutes, enterprises in China. The conference has attracted also some foreign scientists. The theme of the conference was "The Electrochemistry Supporting Future Energy Development". The conference focused on foundations and cutting-edge issues in electrochemical science and technology, including Basic Electrochemistry, Lithium Ion Batteries, Fuel Cells, The Next Generation of Energy Storage Battery, Supercapacitors, Other Batteries, Nanotechnology and Materials Electrochemistry, Photoelectrochemical and New Type of Solar Cells, Electrochemical Analysis and Biological Electrochemistry, Organic, Environment and Industrial Electrochemical, etc.

2. The 8th Asian Conference on Electrochemical Power Sources (ACEPS-8)

The 8th Asian Conference on Electrochemical Power Sources (ACEPS-8) will be held at Kai Wah Plaza Hotel in Kunming, Yunnan, China, from August 21 to 25, 2015. The aim of ACEPS-8 is to provide a forum for presentation and discussion of recent developments related to electrochemical power sources. ACEPS-8 focuses on electrochemical energy conversion and storage systems, and their recent progress on mechanisms, materials, devices. The conference covers all the electrochemical power sources related to science and technology include, but not limited to, Li and Li-ion batteries; Fuel cells; Capacitors; and Other Advanced Electrochemical Systems for Energy Storage and Conversion.

The Chinese Society of Electrochemistry (CSE),

Shi-Gang Sun, ISE Regional representative of China

2015/8/21



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Zagreb, August 7th, 2015.

International Society of Electrochemistry

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ISE - ANNUAL REPORT FOR CROATIA 2014/2015

Membership

The current number of ISE members in Croatia is 28. Since last report the number has increased by one, and also we have two new members.

Activities

1. In 2014 the new regional representative was elected.
2. In June 2015 members actively participated in the 5th Regional Symposium on Electrochemistry-South-East Europe (Bulgaria) with 5 oral presentations, 1 posters presentation and participation in Scientific, Organising and Satellite Student Symposium Committee.
3. The 5th ISE Satellite Student Regional Symposium on Electrochemistry took place at Ruđer Bošković Institute (July 2015) where ten young scientists as PhD students and young PhD's participated with oral presentations. This traditional Student Regional Symposium was supported by ISE (<http://pierre.fkit.hr/ise-ssrs/index.html>).
4. In the frame of 1st World Congress on Electroporation and Pulsed Electric Fields in Biology, Medicine and Food & Environmental Technologies that is scheduled to take place in Portorož, Slovenia, during the week of September 6th to 10th, 2015 our ISE member Nadica

Ivosevic DeNardis organizes special session entitled as "Interfacial behaviour of lipid-assemblies, membranes and cells in electric fields". The special session is endorsed by ISE . She will serve as well as Chair of the session. More information about congress and description of the special session are available at the link:

<https://wc2015.electroporation.net/home>

5. In order to promote electrochemistry for future engineers ISE member Marijana Kraljić Roković has organized a visit to aluminum production plant "Aluminij d. d." in Mostar, Bosnia and Herzegovina. The visit was supported by Croatian Society of Chemical Engineers (Hrvatsko društvo kemijskih inženjera i tehnologa).

6. In February 2015 some members actively participated in Open Door Days organised by Faculty of Chemical Engineering and Technology, University of Zagreb, where Laboratory of Electrochemistry was presented to the public and to the future students. (https://www.fkit.unizg.hr/news/34613/DOV2015_SviPlakati.pdf)

Marijana Kraljić Roković
ISE-RR of Croatia



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Srpen 8, 2015

REPORT 2015 of the ISE Regional Representative – Czech Republic

Membership

Current status of the membership from the Czech Republic is 48 members, which is remarkably lower than 56 members reported in 2014; however, in 2013 the membership was 47, close to the present number. Last year a significant increase was without doubt due to increased publicity of the ISE at the international meetings and annual meeting all held in the Czech Republic, in which PhD students participated in larger proportion compared to the conferences abroad. Fortunately, present situation reflects a situation when larger group of the students continued their membership, whereas retired electrochemists did not renew their membership even under the Emeritus status. Therefore, we are pleased to notice that a lot of young people kept their membership in good standing or joined the society. PhD students are important target group in 2015 and will remain so in 2016. RR will try to keep interest of this membership after completion of their studies. Additional recruitment was attempted via individual invitation letters and by presentation of the Society at the international meetings listed below.

Activities

Main activities in 2015 were connected with preparation of three ISE sponsored international electrochemical meetings: 35th International Conference on Modern Electrochemical Methods, Jetřichovice, 18 - 22 May 2015, 48th Heyrovský Discussion - Progress in electrochemistry at liquid-liquid interfaces and liquid membranes, Třeřt', 14 - 19 June 2015 and 16th International Conference: Advanced Batteries, Accumulators and Fuel Cells [ABAF 16th], Brno, 30 August – 3 September 2015. Conference Heyrovský Discussions was sponsored by the ISE Czech Republic Regional Fund. ABAF conference will continue by the Li-Batteries Summer School. All these meetings will provide or already provided good opportunity for the students and other scientists to learn more about the ISE society and membership advantages.

Other

PhD. student Ludmila Šimková from J. Heyrovský has received the Best Poster Award at the 65th Annual Meeting of the International Society of Electrochemistry (31 August - 5 Sept 2014, Lausanne) for her work: Simulation of temperature dependent ESR spectra with AL effect formed upon electrochemical reduction of FOX-7. Prof. Paleček from Masaryk University in Brno received in 2015 the Metrohm prize for the life-long achievement in the field of electroanalytical chemistry for his DNA detection methods. I do not have knowledge of any other nomination from the Czech electrochemical community for travel awards, society fellowship or any other type of ISE awards. I have to disseminate more vigorously information on these awards and opportunities for year 2016 among broader audience, even though I am sure that emails to all members directly from ISE provided already such information.

Magdaléna Hromadová

Prepared by: Magdaléna Hromadová
Regional Representative of the Czech Republic

Regional Representative Meeting
ISE Annual Meeting 2015, Taipei

20. August 2015

Annual Regional Report of Denmark

Over the year, the Danish ISE members have continued to be active in a range of activities within the field of electrochemistry. This included meetings, workshops, summer schools, etc.

In association with a National Research Center (4M Centre funded by Innovation Fund Denmark), a five day Ph.D. summer school is organized on 24 - 28th of August 2015 at Schæffergården near Copenhagen. 13 Danish as well as international lecturers are invited to give lectures on the different components of the high temperature polymer membrane electrolyte fuel cells including electrodes/catalysts, membrane, MEA, stacking and system development. 20 Ph.D. students have registered. Hands-on experiments are arranged in 3 lab exercises.

This is the continued effort by Department of Energy Conversion and Storage, Technical University of Denmark. The 2nd International PhD Summer School held on 25-29th August 2014 at Toruplund Conference Center was focused on IMAGINE: Methods in Imaging of Energy Material Microstructures, with participation of 25 international Ph.D. students and lecturers.

In addition, the Danish Battery Society and the Danish Electrochemical Society have also been active in organizing a number of thematic events with active participation of the ISE members.

By the date of reporting there are 41 ISE active members in Denmark, increased by 3 since the last report by July 2014.

Qingfeng Li
dr.techn., professor
The ISE Representative in Denmark



ISE REPORT 2015

ISE Membership

By the date of reporting there are 31 ISE members in Estonia, decreased by 2 since the last report (July 2014).

Activities and conferences

15 Estonian electrochemists attended the 65th ISE Annual Meeting in Lausanne, Switzerland (31 August - 5 September, 2014). Dr. Ann Laheäär was awarded with the Oronzio and Niccolò De Nora Foundation Young Author Prize.

Some of the ISE members of Estonia also participated at the 16th and 17th Topical Meetings of the ISE, held in Angra dos Reis, Brazil (March 22-26, 2015) and Saint Malo, France (May 31 - June 3, 2015), respectively.

Estonian electrochemists have been also very active in several other international conferences and meetings related to topics of energy storage, nanoscience and nanotechnology, neutron scattering applications and electrochemistry as follows:

2nd Baltic Neutron School, Tartu, Estonia (May 4-8, 2014);

225th ECS Meeting, Orlando, USA (May 11-15, 2014);

QENS/WINS 2014, Aurtrans, France (May 11-17, 2014);

Challenges and Opportunities in In Situ Studies of Solid Oxide Electrodes, DTU, Denmark (June 26-27, 2014);

Carbon in Electrochemistry, Sheffield, UK (July 28-30, 2014);

226th ECS Meeting, Cancun, Mexico (October 5-9, 2014);

Fuel Cell Seminar & Energy Exposition, Los Angeles, California, USA (November 10-13 2014);

2014 Asian SOFC Symposium and Exhibition, Busan, Korea (September 21-24, 2014)

Associate Professor in Colloidal and Environmental Chemistry Kaido Tammeveski is active Scientific Committee member of the 6th Baltic Electrochemistry Conference: Electrochemistry of Functional Interfaces and Materials: BEC16. Helsinki, Finland (June 15 - 17, 2016).

Young scientists from Tallinn University of Technology and University of Tartu are encouraged to become part of the International Society of Electrochemistry community.

My sincerest apologies for not be able to attend the ISE meeting in Taipei.

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Tartu, August 2015

ISE REPORT 2015 from the Regional Representative Finland

Members

The number of ISE members within Finland is currently 28 - an increase on the last year primarily as a result of attending the Annual meeting in Lausanne. This positive increase is all the more welcome as a number of members (particularly at the Post-Doctoral level) have left to pursue career opportunities outside of the Finnish region.

Activities

A number of members attended the ISE meeting in Lausanne, Switzerland representing several of the ISE divisions and included an invited presentation by Johan Bobacka. A number of members (and former members) from Finland will present at this year's Annual Meeting in Taipei including both Mr. Miikka Jokinen (Aalto University) and Dr Marta Figueiredo - now of Leiden University - who have received ISE travel grants to facilitate their attendance in Taiwan. In addition, members have also been active in several other conferences related to electrochemistry including corrosion, poly-electrolytes, energy technologies, sensors and conducting polymers.

Future Plans

As stated in last year's report there was a plan to organize a one-day electrochemistry symposium in 2015 in Espoo at Aalto University, this has since expanded to become the **6th Baltic Electrochemistry Conference: Electrochemistry of Functional Interfaces and Materials: BEC16**, which will be held in **Helsinki** from the **15th to 17th June 2016** (see attached flyer). This meeting has already received sponsorship from both the Regional Section and ISE Headquarters and will also feature a special issue of *Electrochimica Acta*.

I would like to encourage members from all regional sections to attend as it is open to everyone (not just the Baltic Sea regions). The conference will provide a forum for both academics and industrialists to learn about the latest developments in the science and technology of electrochemistry. Abstract submission is currently open and for more information please see: http://chemistry.aalto.fi/en/current/6th_electrochemistry_meeting/

Unfortunately, I will not be able to attend the ISE meeting in Taipei, for which I send my sincerest apologies.



Dr. Ben Wilson
Regional Representative, Finland
ben.wilson@aalto.fi

BEC 16

The 6th Baltic Electrochemistry Conference:
Electrochemistry of Functional Interfaces and
Materials

15th - 17th June 2016

Helsinki, Finland



**First announcement and
call for abstracts**

Dear Friends,

The Baltic Electrochemistry Conference is collecting researchers dedicated to the science and technology of electrochemistry around the Baltic. This conference, now the sixth in the series, will provide a forum for individuals from research organisations and companies to learn about the latest developments in this rapidly evolving field, to discuss with renowned experts and to build their networks in an informal and friendly atmosphere. The conference will cover all forms of electrochemistry, including, but not limited to experimental and theoretical aspects of charge transfer at electrochemical interfaces, electrochemical materials science and electrocatalysis. In addition, emergent technologies like, electrodeposition of nanomaterials and functionalized electrodes, and electrochemical nanostructuring will feature along with related poster presentation sessions.

It is now almost two decades since the very first Baltic Electrochemistry Conference was held in Kääriku Sport Centre in Otepää, Estonia on the subject of Interfacial Electrochemistry: structure, electrical properties and electrochemical reactivity. Since then there have been many advances in the areas of physical electrochemistry and materials as the need for sustainable energy and more environmental process technologies has expanded.

BEC16 will be held in the beautiful capital region of Finland and we look forward to welcoming you to enjoy fruitful discussions in the Finnish summer sunshine by the Baltic Sea in 2016!

Lasse Murtomäki, Ben Wilson and Kirsi Yliniemi

On behalf of the organising committee

Call for Abstracts

The organising committee of BEC16 would be pleased to receive high quality papers on all subjects concerned with electrochemistry, interfaces and materials. Oral and poster presentations are welcomed on the following topics:

- *Ionic liquids*
- *Electrochemical energy conversion & storage*
- *Medical applications*
- *Nanoscale electrochemistry*
- *Functionalized electrodes and sensors*
- *Electrodeposition and redox replacement*
- *Novel techniques in electrochemistry*
- *Liquid|Liquid interfaces*
- *Transport processes*
- *Theoretical & computational electrochemistry*

Submission of Abstracts

Abstracts should be submitted in Microsoft Word (.doc or .docx) or PDF format by email to the Local Organisers at baltic2016@aalto.fi no later than **31st January 2016**.

The official language of the conference will be English.

The conference is sponsored by International Society of Electrochemistry (ISE) and a selection of papers from the conference will be published in a Special Volume of *Electrochimica Acta*.

Organising Committee

Dr. Benjamin Wilson
Dr. Kirsi Yliniemi
Prof. Mari Lundström
Prof. Päivi Laaksonen
Dr. Tanja Kallio
Prof. Eero Kontturi

Scientific Committee

Prof. Lasse Murtomäki, Aalto University (Chair), Finland
Prof. Elisabet Ahlberg, University of Gothenburg, Sweden
Prof. Johan Bobacka, Åbo Academy University, Finland
Prof. Mathias Brust, University of Liverpool, UK
Dr. Daren Caruana, University College London, UK
Prof. Robert Dryfe, University of Manchester, UK
Prof. Göran Lindbergh, KTH, Sweden
Dr. Rasa Pauliukaite, Center for Physical Sciences and Technology, Lithuania
Prof. Magdalena Skompska, University of Warsaw, Poland
Prof. Kaido Tammeveski, Tartu University, Estonia
Prof. Sannakaisa Virtanen, University of Erlangen-Nuremberg, Germany
Prof. Mikhail Vorotyntsev, Moscow State University, Russia
Dr. Jingdong Zhang, TUD, Denmark

Local organisers

BEC16 will be organised by the School of Chemical Technology, Aalto University, Finland (chem.aalto.fi/en/).

Important Deadlines:

Deadline for abstract submission: **31st January 2016**

Early-bird registration: **31st March 2016**

Final registration: 15th April 2016

For more information about the conference venue and accommodation please visit:

chemistry.aalto.fi/en/current/6th_electrochemistry_meeting/



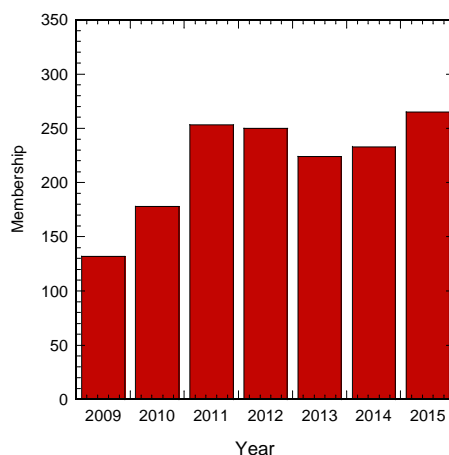
Photo: Joni Rousku/Visit Helsinki



ISE Annual report 2015 (France)

MEMBERSHIP

France has now **265 members**. The membership for the last 7 years is given in the graph below. The increase of the membership during the last year is due to the impact of the organization of the 17th Topical Meeting in Saint-Malo. Note that the previous increase in 2011 was due to the organization of the ISE Annual Meeting in Nice in 2010.



ACTIVITIES

The 17th ISE Topical Meeting was held at the “Palais du Grand Large” in Saint-Malo, from 31 May to 3 June, 2015. The theme of the Meeting was **“Multiscale Analysis of Electro-chemical Systems”**. Recent advances both in the development of local electro-chemical techniques (e.g. SECM, LEIS) and techniques for surface characterization were discussed. Applications of these techniques in areas such as Materials for energy, Energy conversion and storage, Electrochemistry in biological systems, Electrochemical sensors and biosensors, Nanostructured materials, Corrosion and protection were covered. An important part of the meeting was dedicated to simulation and modelling (computational physical chemistry). The latest advancements were presented by **2 plenary lectures, 20 invited communications, 73 oral and about 70 poster presentations**. The 179 participants came from **35 countries**. The region of the world with most participants was Europe (65 %).

SPONSORED MEETINGS (ISE sponsorship has been granted to the following congresses):

1- **Journées d'Electrochimie 2015**

Dates: 6-10 July, 2015

Location: Rome (Italy)

Sponsored by: Executive Committee

During the “Journées d'Electrochimie” the price “Prix Jeune Chercheur en Electrochimie” was assigned to Frédéric Maillard (University Joseph Fourier, Saint Martin d'Hères, France).

2- **International Meeting “Electrolysis & Fuel Cell Discussions: Challenges towards zero platinum for oxygen reduction”** (www.efcd2015.eu).

Dates: 13-16 September, 2015.

Location: La Grande Motte (near Montpellier).

Sponsored by: Executive Committee

26th August, 2015

Nadine Pébère, Regional Representative for France

ISE Report 2014-2015 - Germany

Membership: 209 (from 223 **members** on July 25th 2014). The difference is due to the large fluctuations within a year.

past ISE and ISE Sponsored meetings:

Electrochemistry 2014: Basic Science and Key Technology for Future Applications Mainz, 22. to 24. September 2014 (>400 participants)

7th International Workshop on Impedance Spectroscopy (IWIS), Chemnitz, 24-26 September 2014

1st Gerischer-Kolb Symposium: Electrochemical Surface Science, Berlin, 15-17 October 2014

3rd Ertl Symposium on Surface Analysis and Dynamics, Berlin, 9-12 November 2014

International Workshop on Electrochemistry of Electroactive Materials (WEEM-2015)
31 May -5 June 2015, Bad Herrenalb (120 participants, 107 international)

International Fischer Symposium
7-11 June 2015, Lübeck

Electrochemistry in renewable energy based on molecular mechanisms
15-18 June 2015, Bad Zwischenahn, Germany, Division 1 and 6 (90 participants, 60 international)

other electrochemistry meetings in Germany:

Meeting of the section "Elektrochemie" of the GdCh within the conference "GdCh-Wissenschaftsforum" in Dresden, 28.8.-2.9.2015

ISE sponsored Meetings to come in 2015:

International Conference on Capacitive Deionization and Electrosorption
Saarbrücken, 26-29 October 2015

Helmut Baltruschat



*Rheinische
Friedrich-Wilhelms-
Universität Bonn*



Report 2015 of the ISE Regional Representative - Greece

prepared for the Meeting of the ISE Regional Representatives to be held during the 66th Annual Meeting of the ISE in Taipei, Taiwan on Monday, October 5th, 2015

1. Membership

- The number of ISE members in Greece remained the same since the last RR Meeting in Lausanne, Switzerland and, at present, *the Greek ISE section numbers 32 members*. Their preferences in the activities of the different ISE Divisions are as follows (3 of them have not expressed specific preferences):
 - Division 1, Analytical Electrochemistry (9)
 - Division 2, Bioelectrochemistry (1)
 - Division 3, Electrochemical Energy Conversion and Storage (20)
 - Division 4, Electrochemical Materials Science (17)
 - Division 5, Electrochemical Process Engineering and Technology (12)
 - Division 6, Molecular Electrochemistry (5)
 - Division 7, Physical Electrochemistry (10)
- Efforts to recruit new members continue, especially targeting young scientists.

2. Activities

Participation in international conferences *organized or sponsored by the ISE*

- *65th Annual Meeting of the ISE, Lausanne, Switzerland (31 August-5 September, 2014)*:
Seventeen (17) ISE members from Greece participated in the 65th Annual Meeting of the ISE. They were among the co-authors of 4 oral presentations (1 keynote, Prof. C. G. Vayenas) and 16 poster presentations, allocated as follows per Symposium: Symposium 3 (3 posters), Symposium 4 (1 oral presentation & 4 posters), Symposium 7 (3 posters), Symposium 8 (1 poster), Symposium 10 (2 posters), Symposium 11 (2 oral & 1 keynote presentations, 3 posters)
- *Fifth Regional Symposium on Electrochemistry - South East Europe (RSE-SEE5), 7-11 June 2015, RIU Pravets, Pravets, Bulgaria*
ISE members from Greece participated in the Scientific Committee (Prof. D. Sazou) and in the Organizing Committee (Prof. Sotiris Sotiropoulos) of the Symposium, as well as presented 3 lectures (1 keynote lecture, Prof. A. Karantonis) and 3 posters.

Editorial activities of Greek members of the ISE

- Professor S. Sotiropoulos (Aristotle University of Thessaloniki, Greece) continued acting as one of the Editors of *Electrochimica Acta*.
- Professor C. G. Vayenas (University of Patras, Greece), ISE Fellow, continued acting as one of the Editors of *Modern Aspects of Electrochemistry*.

S. Bebelis

Symeon Bebelis

Associate Professor

ISE Regional Representative – Greece

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Patras, Greece, 31 August 2015



Institute for Solid State Physics and Optics
Wigner Research Centre for Physics
Hungarian Academy of Sciences

Report of activities: Hungarian section of ISE

prepared for the Meeting of Regional Representatives of ISE,
66rd Annual Meeting, Taipei, Taiwan, October 2015

1. ISE members from Hungary

The ISE membership from Hungary was nearly stagnant during the last year, similarly to the situation in the earlier period. Now we have 13 Hungarian ISE members. These people belong to traditional research groups dealing with electrochemistry. In the last couple of year, we witnessed the restructuring of the community profile. While elderly and retired members do not tend to renew their membership, students belonging to electrochemical research groups join ISE for the period while their research affiliation makes it reasonable. Unfortunately, young researchers going abroad fall out of the attention of the regional representative and the national electrochemical community often loose them. Despite the regular calls for the members of the Hungarian electroanalytical research groups, they could not be involved in the ISE membership, and these groups tend to work in a segregated manner.

2. Scientific activity

Due to the large distance and the financial difficulties, Hungarian ISE members working in Hungary are usually not able to attend ISE Annual Meetings at very far countries. Therefore, no Hungarian delegate can attend in the upcoming 66th Meeting in Taiwan.

Since the last report period, there was no ISE-sponsored international electrochemistry meeting in Hungary. Hungarian ISE members took part in some ISE-sponsored meeting like the 5th Regional Symposium of Electrochemistry – South-East Europe (Bulgaria, June 2015).

Besides the activity our members at the meeting, several Hungarian ISE members indicated that they find an important task to contribute to the level of the society journal, *Electrochimica Acta* with their frequent reviewing activity.



Institute for Solid State Physics and Optics
Wigner Research Centre for Physics
Hungarian Academy of Sciences

3. Meeting organization

The Hungarian ISE community is facing the organization of two important meetings in 2017:

- The Hungarian ISE community has submitted a proposal for organizing one of the topical meetings in 2017 in Szeged, Hungary. The proposal was evaluated by the relevant ISE body and the proposal was finally accepted. The meeting title is: “***(Photo)electrochemistry of semiconductors at the nanoscale: from fundamental aspects to practical applications***” and the date of the meeting will be 23-26 April 2017. The members of the advisory board and other details are being discussed during the time of the preparation of this report. The preliminary presentation of the topical meeting venue and the scientific scope of the meeting will be presented in the upcoming annual meeting. The local organizing committee comprises the following people (in alphabetic order): *Balázs Endrődi* (University of Szeged), *György Inzelt* (Eötvös Loránd University), *Csaba Janáky* (University of Szeged – Hungarian Academy of Sciences), *Tamás Pajkossy* (Electrochemistry Committee of the Hungarian Academy of Sciences), *László Péter* (Regional ISE representative), *Csaba Visy* (University of Szeged)
- Also in 2017, the Hungarian electrochemistry community will organize the 6th Regional Symposium of Electrochemistry – South-East Europe, with ISE sponsorship. The selection of the venue will be finished before the summer of 2016.

Budapest, 26 August 2015

A handwritten signature in blue ink, appearing to read "L. Péter".

László Péter
Scientific advisor

Head of the Electrodeposited Nanostructures Group
Department of Complex Fluids, Institute for Solid State Physics and Optics
Wigner Research Centre for Physics, Hungarian Academy of Sciences

Report of the ISE Regional Representative for I.R. Iran

A- Membership

Up to 2012, 24 Iranian scientists were active in different ISE sections. Currently, due the problem to send the membership fee to overseas, Iranian ISE active members have decreased. Fortunately, with the help of ISE president and the board of the director of ISE, fifteen Iranian Electrochemical sciences could manage their membership free of charge.

B- Activities

The Iranian electrochemists have participated in several international and national conferences on electrochemical topics including:

- 1- 11th Biennial Electrochemical Conference, 7-9 Sept. 2014, Gilan University, Iran; by Iranian Chemical Soc.
- 2- 10th Annual Seminar on Electrochemistry, 26-27 Nov. 2014, Mazandaran University, Iran; by Iranian Electrochemiocal Soc.
- 3- 2nd Conference in Electrochemistry Education, Sept. 6-7, 2015 will be held in Najafabad Azad University, Iran.
- 4- 21th National Analytical Conference, 13-15 March 2015, Sahaid Chamran University, Iran (with a separate section in electrochemistry).
- 5- 17th Iranian Chemical Society Conference (with a separate section in electrochemistry), 2-4 Sept. 2015, Semnan University, Iran.

C-Published articles

Based on Scopus reports 480 papers have been published in 2014 by Iranian scientist in the field of electrochemistry. From them, 36 papers in 2014 are published in *Electrochimica Acta* and more than 7000 chemistry articles by Iranian researchers have been published in ISI indexed Journals.

Isfahan, July 11, 2014

Ali A. Ensafi

Regional Representative of I. R. IRAN



ISE REPORT 2015 from the Regional Representative - Ireland

Members

The number of ISE members within Ireland has slightly decreased from 23 to 22 on August 2015. Division 1&4 (13 and 13 members, respectively) and Division 7 (9 members) are the divisions with most members among those that explicitly choose a division. Ireland membership remains stable, with small oscillation in the numbers of the student members. The Irish Electrochemical community is well represented across the academic institution. However, only one member is fully associated with industry. I have actively sent email to young electrochemists in Ireland, proposing association with ISE. However, the results were not particularly encouraging.

Activities

Due to relocation at NTU, Singapore, effective December 2014, I have not had the possibility of promoting bioelectrochemistry meetings in Ireland in the last year. Due to the obvious difficulty of interacting with Irish members from such a remote location, there was relatively little communication in the last year.

September 28th, 2015

Enrico Marsili
School of Biotechnology
Dublin City University
Ireland

A handwritten signature in black ink, appearing to read "Enrico Marsili", is written over the typed name.

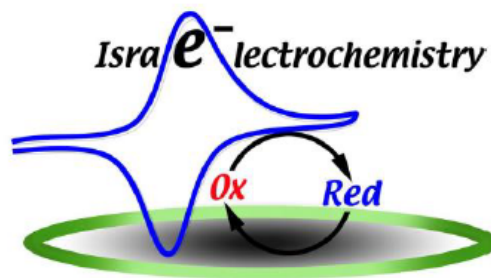
THE IBY AND ALADAR FLEISCHMAN FACULTY OF ENGINEERING
PROFESSOR NOAM ELIAZ
CHAIR, DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING
DIRECTOR, THE BIOMATERIALS AND CORROSION LABORATORY

הפקולטה להנדסה ע"ש איבי ואלדר פליישמן
פרופסור נעם אליעז
ראש המחלקה למדע והנדסה של חומרים
ראש המעבדה לביו-חומרים וקורוזיה

ISE Report from the Israeli Regional Representative September 2015

Members

Presently there are 19 Israeli ISE members, most of them from academia. This number reflects a small decrease from 21 members in 2014. The number of electrochemists in the academy including graduate students is estimated to be over 120.



Honors

3 of the ISE members in good standing are ISE Fellows (one of them is Prof. Daniel Mandler from the Hebrew University of Jerusalem, who was nominated last year and is the former Israeli RR).

Activities

The activity in electrochemistry in Israel keeps growing constantly and attracts the academia as well as industry. Several recent recruits of new faculty in academia are in this area. The annual meeting of electrochemistry is called Israelectrochemistry and is held every year at a different University. These meetings usually supported by the Baruch Zinger Foundation, which awards a few prizes for the best lecture and poster presentations. The 2014 meeting was held on September 16th at the Technion Institute of Technology. On October 15th it will take place at Ben-Gurion University.

In addition to the annual meeting, a few industry oriented meetings are organized by Shmuel De-Leon Energy Ltd. (www.sdle.co.il). For example, on May 20th-21st we held in Herzelia the 5th Israeli Power Sources Conference. This conference dealt with batteries, fuel cells, supercapacitors and electric cars.

During 2013 a new center – Israel National Research Center for Electrochemical Propulsion (INREP) – was established. The center combines forces on the development of new materials, new concepts and new analytical methodologies, as well as functioning prototypes.

Sad news

On February 28th, 2015, we lost a dear friend and colleague – Chaim N. Yarnitzky – Professor Emeritus at the Technion – Israel Institute of Technology. Professor Yarnitzky was a pioneer in the study and development of multiple electroanalytical techniques. Israelectrochemistry 2015 will be dedicated to his memory, awarding excellent students with some scholarships.

Prof. Noam Eliaz



ISE Annual Report 2015 - Italy

ISE membership. Constant promotion of membership renewal and new recruiting led to further increase of the members number over the last year. At the time of writing this report the membership has reached **128 active members in Italy**, the largest number ever attained. The effort to recruit new members is mostly focused on the authors of papers published in *Electrochimica Acta*, new PhD students and young scientists.

Participation to ISE operative bodies. Marco Musiani (CNR – Padova), Executive Secretary for the term 2014-2018; Francesco Paolucci (University of Bologna), Chair of Division 6 (Molecular Electrochemistry) for the years 2015-2016; Francesca Soavi (University of Bologna), Vice-Chair of Division 3 (Electrochemical Energy Conversion and Storage) for the years 2015-2016.

Sponsored Meetings. ISE sponsorship has been granted to the following Congresses in 2015:

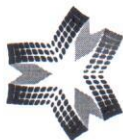
1. Journées d'Electrochimie 2015, 6-10 July 2015, Rome, (Italy), sponsored by the Executive Committee;
2. Electrochemistry School 2015 - organized by the Electrochemistry Division of the Italian Chemical Society, 16-18 September 2015, Bologna (Italy), sponsored by the Executive Committee;
3. Giornate dell'Electrochimica Italiana - Annual Meeting of the Electrochemistry Division of the Italian Chemical Society, 20-24 September 2015, Bertinoro (Italy), sponsored by the Executive Committee.

ISE Activities. The preparation activity of the **Annual ISE Meeting 2018** in Italy has proceeded with the signature of the contract with the Congress Venue.

August 17th, 2015

Sandro Cattarin

Regional Representative of Italy



CENTER
FOR PHYSICAL SCIENCES
AND TECHNOLOGY

State research institute Center for Physical sciences and Technology

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Data on entity is accumulated and stored in the Register of Legal Entities of the Republic of Lithuania, code 302496128

International Society of Electrochemistry

ISE ANNUAL REPORT LITHUANIA

Vilnius, 19-08-2015 JR-2500-537

Members

The number of the members in the ISE regional group is still small but it slightly increased from 18 to 22 in the last year.

Activities

Conferences:

ISE regional group took part as co-organiser of the international conference „Chemistry and Chemical Technology 2015“.

Proposal for organizing ISE Topical Meeting in 2017 in Lithuania had been submitted to the Scientific Meetings Committee, unfortunately, it was not approved this time.

ISE regional group is organising an international conference „Chemistry and Chemical Technology 2016“, which is devoted to the 210th anniversary of the Electrolysis Theory by Theodor von Grothuss, in Vilnius, Lithuania. The conference is the *ISE sponsored event*. More information can be found at <http://cct2016.ftmc.lt>.

Rasa Pauliukaite is a member of the Scientific Committee of the 6th Baltic Electrochemistry Conference organised in Helsinki, Finland, which is also the *ISE sponsored meeting*.

Publications by ISE regional group members:

4 presentations were presented at *ISE Annual Meeting in Lausanne* last year;

1 presentation at the 17th *ISE Topical Meeting Saint Malo* (France);

1 presentation at ISE sponsored conference, the 13th *International Fischer Symposium in Lubeck* (Germany);

5 presentations will be presented in the *ISE Annual Meeting in Taipei*.

6 papers were published in *Electrochimica Acta* by ISE members in 2014-2015.

Future perspectives

ISE Regional group plans to recruit new members, organise national and international events and attend ISE and ISE sponsored meetings.

ISE Regional Representative, Lithuania



Rasa Pauliukaitė

Director



Gintaras Valušis

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Dr. Carlos Eduardo Frontana-Vázquez
Centro de Investigación y Desarrollo Tecnológico en Electroquímica, S. C.
Tel. 52-442-211-6000 Ext 7849, Fax. 52-442-211-6001
Pedro Escobedo, Querétaro, September 15th, 2015

REPORT OF THE ISE REGIONAL REPRESENTATIVE – MEXICO

As of today, September 28th, 2015, the region has 120 members, which represents a significant diminishment with last year membership (over 60% lower). Though there are many possible causes of this effect, I expect the number will be stable over the next year, along with promoting the presence of the Society in electrochemical activities on the country, which has been low but steady with a number of sponsored meetings held. In this context, from June 29th to July 2nd, it was held MicroEchem 2015 – “First Summer School in Molecular Electrochemistry”, with an accompanying ISE Regional Student Meeting, counting with an average number of 40-60 participants in each event. We are looking forward for organizing a Topical Meeting in the near future with the assistance of the Mexican Electrochemical Society, though we have yet to focus on the participating Divisions.

Also, I was elected for a second term to serve as Regional Representative, until 2017. I hope that I can handle to assist not only my region, but also fellow colleagues in Latin America, who are interested in hosting ISE Events in the coming years.

Yours sincerely,

Dr. Carlos Eduardo Frontana Vázquez
Centro de Investigación y Desarrollo Tecnológico en Electroquímica, S. C, México

ISE Report 2015 from the Regional Representative the Netherlands

(Prepared for the ISE Regional Representatives meeting to be held during the 66th Annual Meeting of the ISE, October 4th – 9th, 2014, Taipei, Taiwan)

Members

The number of members within the Netherlands is currently 30. A number of scientists based in the Netherlands have been contacted directly or following publications in *Electrochimica Acta*, as suggested. The number of members has slightly increased with respect to last year (27 in 2014).

The interest of the Dutch ISE members in the different divisions is given here (listed from high to lower interest):

- Division 3: ELECTROCHEMICAL ENERGY CONVERSION AND STORAGE (15)
- Division 4: ELECTROCHEMICAL MATERIALS SCIENCE (15)
- Division 7: PHYSICAL ELECTROCHEMISTRY (11)
- Division 5: ELECTROCHEMICAL PROCESS ENGINEERING AND TECHNOLOGY (8)
- Division 1: ANALYTICAL ELECTROCHEMISTRY (7)
- Division 2: BIOELECTROCHEMISTRY (3)
- Division 6: MOLECULAR ELECTROCHEMISTRY (2)

Activities

67th annual meeting of the ISE

In 2014, preparations for the 67th Annual Meeting of the ISE in Den Haag continued. The following plenary speakers have been invited for the conference:

- George Whitesides, Harvard University, USA
- Linda Nazar, University of Waterloo, Canada
- Andres Nilsson, University of Stockholm, Sweden
- Serge Lemay, Twente University, the Netherlands

The following tutorial lectures will be organized during the meeting:

- Nanoscale Electrochemical Imaging, Patrick Unwin (Warwick University) and Marcel Rost (Leiden University)
- Electrochemical Instrumentation, Tamás Pajkossy (Hungarian Academy of Sciences, Hungary), Soma Vesztegom (Eötvös Loránd University, Hungary)

Together with the ISE office, the call for papers was prepared.

A presentation about the 67th Annual Meeting will be held during the General Assembly on Thursday, October 8th, 2015.

KNCV Symposium

Each year, the Dutch and Belgian electrochemistry community gathers for the annual meeting of the working group on electrochemistry of the *Koninklijke Nederlandse Chemische Vereniging* (KNCV). This one day symposium, which benefits from financial support from the ISE provides a common meeting ground for fundamental and applied electrochemistry experts from both countries.

In 2014, the symposium, on the theme of Electrochemistry in non-traditional media, was held at the University of Antwerpen, Belgium, on November 7th. A presentation about the activities of the Society and the upcoming 67th Annual Meeting was held at this meeting.

This year, the symposium will be organized at the University of Wageningen, the Netherlands and the theme will be *Electrochemistry for Quality of Life*.

A presentation about the ISE and its activities will be held at this meeting.

Regional representative elections

At the end of 2015, I will finish the third year of my second term as Regional Representative for the Netherlands. Arrangements will be made to elect a new Representative for the Netherlands.

August 31st, 2015
Maarten Van Brussel
Metrohm Autolab B.V.

Utrecht, the Netherlands

Short report on Norwegian ISE activities in 2014/2015

Membership

The number of Norwegian members of the ISE has dropped and is currently quite low. This is not reflected in the number of publications in the publications in *Electrochimica Acta* or *Journal of Electroanalytical Chemistry* for authors with Norwegian affiliation, 25 during years 2005 – 2009, 24 during 2010 – 2013, and 25 for the last two years. For the last period, however, only a little over 10 authors are actually affiliated with electrochemistry groups, and may reflect the membership basis from academic groups. Also, attendance at ISE meeting is rather low much due to the meetings being held in the middle of the semesters of Norwegian Universities, which makes attendance for some of the members with heavy teaching obligations difficult. Finally, students leaving university with electrochemistry degrees frequently find jobs in other areas (see below). However, expansion of the Norwegian membership will be pursued more eagerly in the coming term.

Participation in ISE sponsored meetings

One academics and two students from NTNU participated in the ISE-sponsored meeting International Symposium on Electrocatalysis: Explorations of the Volcano Landscape, 26-29 October 2014, Whistler, BC, Canada.

Other

Funding of electrochemistry in Norway is currently difficult, as only a limited number of projects without industry support is possible. As oil prices have dropped significantly and caused the Norwegian economy to suffer from a significant number of jobs lost recently, a significant source of industry funding has been lost especially in areas such as corrosion. This has in turn led to fewer students choosing electrochemistry as a field of specialization, and the industry has cut back even on simple things such as student excursions. The electrochemical industry is doing better owing to the Norwegian crown being less valued than previously, but this has not yet translated into more industry-funding of the research.

Electrochemistry is an important field in Norway mainly because of the strong electrolysis industry (especially aluminium electrowinning), and the corrosion protection activities associated with the offshore oil and natural gas production (in spite of problems associated with the oil price referred to above). Previous interest in renewable energy and energy storage has also affected electrochemical research positively, but has recently shifted somewhat from hydrogen towards batteries.

September 18, 2015

Regional representative Norway
Svein Sunde
Department of Materials Science and Engineering
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Prof. Magdalena Skompska
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Report on ISE activities in 2014/2015 – Poland

ISE Membership:

The number of ISE members strongly increased (by 24%) in the last period, from **104** in 2013 to **129** now.

Organization of ISE sponsored meetings:

International Scientific Conference Corrosion 2014

Date: 18-21 November 2014

Location: Gliwice, Poland

Sponsored by: **Division 4**

Future ISE sponsored meetings which will be held in Poland :

- 4rd International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface

Date: 2-5 September 2015

Location: Cracow, Poland

Sponsored by: **Division 4**

- 12th International Symposium on Electrochemical/ Chemical Reactivity of New Materials „Surface Science - key to understand advanced materials”

Date: 15-18 September 2015

Location: Warsaw, Poland

Sponsored by: **Division 4**

- 6th International Symposium on Carbons for Energy Storage and Environment Protection

Date: 18-22 October 2015

Location: Poznan, Poland

Sponsored by: **Division 3**

- The 7th Workshop on Surface Modification for Chemical and Biochemical Sensing, SMCBS'2015

Date: 6-10 November 2015

Location: Warsaw, Poland

Sponsored by: **Division 2**

Other activities in the reporting period:

1. Co-organization of Symposia during Annual ISE Meetings:

65th Meeting in Lausanne:

- Symposium 6- “Electrochemical Energy Conversion and Storage: Capacitors” -

Prof. E. Frackowiak, Coordinator

- Symposium 8 - “Modern Electroactive Polymeric, Organic, Inorganic and Nanocomposite Materials- Prof. M. Skompska, Co-organizer

66th Meeting in Taipei

- Symposium 5 - „Novel Insights to Electrochemical Capacitors“, Prof. E. Frąckowiak, Coordinator
- Symposium 14 – „Modeling, Design and Characterization of Nanostructured, Electroactive and Multifunctional Materials“ – Prof. P.J. Kulesza, Co-organizer
- Symposium 16 – “Supramolecular Electrochemistry for Analysis, Medicine and Biological Sciences“ – Prof. R. Bilewicz, Co-organizer

2. Editorial activities:

- Prof. P. J. Kulesza is one of the Editors of *Electrochimica Acta* and a member of Editorial Board of *Journal of Solid State Electrochemistry*
- Prof. M. Opałło is one of Editors of *Journal of Electroanalytical Chemistry*
- Prof. W. Kutner is one of Associate Editors of *Bioelectrochemistry*

3. Other:

- Prof. R. Bilewicz is a Chair of Division 2

Warsaw, 31 August, 2015



Magdalena Skompska

ISE Regional Representative of Poland



International Society of Electrochemistry Annual ISE report of Portugal – 2015

Membership

The number of ISE members slightly increased from December 2014 to September 2015 passing from 28 to 30. Besides the direct contact with authors in *Electrochimica Acta* using the very helpful lists provided by Dr Musiani, other approach to get new members is to advise the participants of the going on courses and workshops of electrochemistry in Portugal. It is expected that during the forthcoming Meeting of the Portuguese Electrochemical Society, new members will be gathered; Information of the ISE activities and the benefits of the membership are already prepared for dissemination at the Meeting.

The interest of the Portuguese members in terms of ISE divisions is as follows:

Division 4. Electrochemical Materials science (17 members)

Division 1. Analytic electrochemistry (13 members)

Division 2. Bioelectrochemistry (10 members)

Division 6. Molecular Electrochemistry (9 members)

Division 3. Electrochemical Energy Conversion and Storage (8 members)

Division 5. Electrochemical Process Engineering and Technology (7 members)

Division 7. Physical Electrochemistry (2 members)

Activities

During this period Portuguese ISE members have been actively involved in the organization and have participated in several ISE sponsored meetings in Europe.

Jorge Correia
Regional representative
Portugal
September 2015

**ISE Report from the Romanian Regional Representative
Prepared for the 66th Annual Meeting of ISE in Taipei, Taiwan**

Members

In the present the number of ISE members from Romania is 35, increased by 7 since 2014. Efforts to recruit new members continue, especially targeting young scientists.

The interest of the Romanian members in the different divisions is given here:

- Division 1: Analytical Electrochemistry - 22 members
- Division 2: Bioelectrochemistry – 18 members
- Division 3: Electrochemical Energy Conversion and Storage – 6 members
- Division 4: Electrochemical Materials Science – 21 members
- Division 5: Electrochemical Process Engineering and Technology – 9 members
- Division 6: Molecular Electrochemistry – 10 members
- Division 7 Physical Electrochemistry – 11 members

Activities

The activity in electrochemistry is developed in universities and research institutes with physical chemistry profile. Their activity can be recovered in:

- Papers in ISE or other journals specific for their activity: material science, medicine, etc.
- PhD theses;
- Participation in ISE meetings with oral and poster presentations or as invited speakers in international meetings (ISE and others);
- Writing specific chapters of electrochemistry books (chapters 5, 7 and 8 in *ENVIRONMENTAL ANALYSIS BY ELECTROCHEMICAL SENSORS AND BIOSENSORS*, *BIOSENSORS - MICRO AND NANOSCALE APPLICATIONS*, *CYCLODEXTRINS: SYNTHESIS, CHEMICAL APPLICATIONS AND ROLE IN DRUG DELIVERY*);
- Reviewers at ISE and other publications
- National research projects on electrochemistry subjects; funds are from the Romanian Government obtained by national competitions, or privat financing.
- International research projects on electrochemistry subjects; funds are either Romanian obtained by national competitions, or European and NATO.

The Romanian electrochemists are involved in international research networks in cooperations with: France, Argentina (project *New generation of temporary and permanent implants based on alloy with non toxic elements and innovative controlled micro and nano surface layers with biomimetic and antibacteriostatic properties*), Portugal (R&D projects awarded under M_Era Net Programme in the field of applied electrochemistry: *High performance nanostructured coatings using ionic liquids based on choline chloride – NANOCOATIL* with Porto University), Germany (*New materials and devices based on conducting polymers and their composites*), etc.

There is an intense students exchange in doctoral and post doctoral programs (as well as ordinary students in Erasmus Socrates programs) with France (Université Claude Bernard Lyon 1, Université Joseph Fourier Grenoble, etc.), Portugal, etc.

Parts of the scientists involved in electrochemistry from Romania are members of Romanian Society of Electrochemistry (*Societatea de electrochimie din Romania*). This society has not regular meetings, but it is involved in all big international events organized in Romania. The electrochemists of Romania are also gathered with the occasion of general meetings in chemistry, usually organized by Romanian universities or by the Romanian Society of Chemistry.

There are some small meetings on electrochemistry organized in Romania which became traditional: *NOUVEAUX MATÉRIAUX POUR LA RECONNAISSANCE ELECTROCHIMIQUE DES MINÉRAUX ET DES ESPÈCES BIOLOGIQUES* acronyme « NOMARES » (*New materials for electrochemical recognition of mineral and biological species*), with the support of Association Universitaire de la Francophonie. In 2014 the 3rd edition of this symposium was held in Caciulata, Romania, with the occasion of the traditional 33rd National Meeting on Chemistry and Chemical Engineering (<http://conference.oltchim.ro>), which is held in this location every two years. The *Summer school on electrochemistry* initiated in Cluj-Napoca, Romania, with international participation and support from ISE Electrochemistry for environmental and biomedical applications is preparing its 2nd edition.

Elections

The second term of Liana Muresan as Regional Representative was finished end 2014. The new Representative for Romania was elected for 2015-2017.

Prof.Dr. Eng. Eleonora-Mihaela UNGUREANU

Regional Representative of Romania



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REPORT 2014-2015 of the ISE section in Russia

Membership

Within the period of 2011-2013 the Russian section of ISE consisted of 50 to 56 members, increased up to 60 for 2014. The actual number is 56. A slight diminution compared to the number of members in the previous year is evidently due to a remote location of the Annual ISE Meeting in Taipei (compared to that in 2014 in Lausanne) where only a small number of the section's members plan to participate, according to the preliminary information.

Activities

Main research activities of the section in the period from August 2014 till August 2015 were in the area of pure and applied electrochemistry.

Member of the section, Yu. V. Pleskov, has been awarded with the Frumkin Memorial Medal in 2015.

M. A. Vorotyntsev is actually a vice-chair of Division 4 of ISE.

Two members of the section are Associate Editors of international journals: A. A. Karyakin (Electroanalysis) and G. A. Tsirlina (J. Electroanal. Chem.).

M. A. Vorotyntsev is one of the Guest Editors of the special issue of *Electrochimica Acta* "ISE-2014" (in press).

A number of Russian ISE members serve as reviewers for *Electrochimica Acta* and other international electrochemical journals.

A great number of participants from the Russian section took part in the 65th Annual ISE Meeting-2014 in Lausanne, Switzerland with oral and poster presentations. M. A. Vorotyntsev was serving as Coordinator of Symposium 8 "Modern electroactive polymeric, organic, inorganic and nanocomposite materials" within this ISE Meeting.

Several participants from the Russian section are expected at the 66th ISE Meeting in Taipei, Taiwan where they will deliver both oral and poster presentations.

Great number of the section's members participated in the ISE-sponsored meeting: "International Workshop on Electrochemistry of Electroactive Materials" (WEEM-2015) held in Bad Herrenalb, Germany in May-June 2015, including keynote and invited lecturers. M. A. Vorotyntsev was Chairman of the Organizing Committee, O. A. Petrii was a member of the Scientific Committee of WEEM-2015.

Yu. V. Pleskov has delivered an invited lecture at the 17th ISE Topical Meeting in Saint-Malo, France in May-June 2015.

The section has been preparing a major event for the electrochemical community in Russia: 10th International Frumkin Symposium (organized every 5 years) in Moscow, Russia in October 2015, where over 300 participants have been registered.

ISE members of the Institute for Problems of Chemical Physics RAS (IPCP RAS, Chernogolovka, Moscow region), of the M. V. Lomonosov Moscow State University, of the A. N. Frumkin Institute of Physical Chemistry and Electrochemistry (IPCE RAS, Moscow) and of the Institute of General and Inorganic Chemistry (IGIC RAS, Moscow) have been participating actively in preparation and realization of several national and international conferences:

1. 18th National Meeting "Electrochemistry of Organic Compounds", Tambov, Russia, September 2014;

2. National Conference "Chemistry of Organoelemental Compounds and Polymers 2014", Moscow, Russia, September 2014;
3. 13th International Conference "Fundamental Problems of Energy Conversion in Lithium-Based Electrochemical Systems", Almaty, Kazakhstan, September 2014;
4. International Conference "Ion transport in organic and inorganic membranes". Sochi, Russia, May 2015;
5. 12th International Conference on Catalysis in Membrane Reactors, Szczecin, Poland, June 2015;
6. XXXII European Membrane Society Summer School 2015 "Integrated and electromembrane processes", Straz, Czech Republic, June 2015;
7. 3rd National Conference "Fuel cells and devices", Chernogolovka, Russia, June-July 2015;
8. 4th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface (ISSIS 2015), Cracow, Poland, September 2015 (under preparation);
9. The 6th Baltic Electrochemistry Conference: Electrochemistry of Functional Interfaces and Materials (BEC-16), Helsinki, Finland, June 2016 (under preparation);
10. International Symposium "Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications" within the 67th Annual ISE Meeting, Den Haag, Netherlands, September 2016 (under preparation).

Members of the section also participated in other international electrochemical conferences within the period from September 2014 to August 2015, in particular

- 13th International Fischer Symposium, Lubeck, Germany, June 2015;
- 10th European Symposium on Electrochemical Engineering, Chia Laguna Resort Hotel Chia, Sardinia, Italy, September-October 2014;
- International conference EuroMed 2015: Desalination for Clean Water and Energy, Palermo, Italy, May 2015;
- 5th European PEFC & H₂ Forum 2015, Lucerne, Switzerland, June-July 2015;
- European Corrosion Congress (Eurocorr) 2014, Piza, Italy, September 2014;
- 19th International Corrosion Congress (ICC) 2014, Jeju, South Korea, November 2014;
- 25th International Ocean and Polar Engineering Conference (ISOPE-2015), Kona, Hawaii, USA, June 2015.

Young electrochemists took active part in the specialized Youth Forum "Lomonosov-2015" (only for university and PhD students), which took place in Moscow, April 2015.

Each year the electrochemistry chair of the Moscow State University organizes in October the A. N. Frumkin Hearings (chaired in 2014 by E. V. Antipov) with several invited lectures devoted to various areas of electrochemistry and related disciplines, including invitations of top Russian and foreign electrochemists.

The Russian section of ISE also participated actively in the "Young researcher competition" at IPCP PAS, Chernogolovka.

Since 2013 a new forum for discussions of modern trends and problems in electrochemistry among Russian electrochemists has been developing: "Moscow Region Seminar on Electrochemistry", Academician A. R. Khokhlov being its Coordinator, M. A. Vorotyntsev serving as its Academic Secretary. The choice of lecturers at the seminar is managed by its counsel. 19 presentations of top Russian and foreign electrochemists have already taken place at this seminar, see the site: <http://seminar-elchem.msu.ru/> for the further information.

Mikhail A. Vorotyntsev
ISE Regional Representative - Russia



ISE Regional Representative of Serbia - 2014/2015 Report

Currently there are 29 ISE members from Serbia. This is a significant decrease compared to the previous year. There are two basic reasons for this: on the one hand, part of the senior researchers is retired, and on the other hand, some research institutions there were no funds to pay membership fees. However, the number of young researchers among ISE members from Serbia remained significant, about one-third.

During August 2014 Electrochemical Division of the Serbian Chemical Society (ED SCS) was supplemented the Application for the organization of the 71th ISE Annual Meeting in 2020, with main theme “**Electrochemistry towards Excellence**”. With great pleasure we point out that in April 2015 Electrochemical Division of the Serbian Chemical Society received information from ISE office that the Application was assessed as very good, and that Serbia and Belgrade are chosen to host 71st Annual Meeting. This fall we expect the first visit by representatives of **Scientific Meetings Committee**, as well as the start of activities on the organization of the Meeting in 2020.

Members of the Electrochemical Division of the Serbian Chemical Society involved in the preparation of applications and potential members of the 71st Meeting Organizing Committee are:

Jelena B. Bajat, Ph.D., Ex-President of Electrochemical Division of SCS

Associate Professor, Faculty of Technology and Metallurgy – TMF, University of Belgrade, Serbia

Vesna Mišković-Stanković, Ph.D., Member of Presidency of SCS

Full professor, Faculty of Technology and Metallurgy – TMF, University of Belgrade, Serbia

Aleksandar Dekanski, Ph.D. ISE Regional Representative of Serbia Member of Steering Committee of SCS

Full Research Professor, ICTM - Department of Electrochemistry, University of Belgrade, Serbia

Vladimir V. Panić, Ph.D. Member of Steering Committee of SCS

Full Research Professor, ICTM - Department of Electrochemistry, University of Belgrade, Serbia

Nebojša D. Nikolić, Ph.D. Member of Steering Committee of SCS

Full Research Professor, ICTM - Department of Electrochemistry, University of Belgrade, Serbia

Slavko Mentus, Ph.D. Corresponding member of Serbian Academy of Sciences and Arts

Full professor – retired, Faculty of Physical Chemistry, University of Belgrade, Serbia

On the occasion of the selection of Belgrade to host 71st Annual ISE Meeting, the national representative of Serbia gave the interview to the **SEE Business Travel & Meetings magazine** (<http://www.seebtm.com/belgrade-will-be-the-center-of-world-s-electrochemistry-for-5-days/?lang=en>)

ACTIVITIES

- 65th Annual Meeting of the International Society of Electrochemistry**, held in Lausanne, Switzerland, 31 August - 5 September, 2014
 - More than 10 electrochemists from Serbia were participated the Meeting. Since I have been unable to attend, member of ED SCS, Nebojša Nikolić take part in the Meeting of the ISE Regional Representatives held during the Annual Meeting.
- XVI-YuCorr - Science and Practice in the Fields of Corrosion, Materials and Environmental Protection**, held on June 23-26, 2014 on Tara Mountain, Serbia, organized by the Serbian Society of Corrosion and Materials Protection – UISKoZaM.
 - More than 50 contributions was presented, by the author from more than 10 countries, mostly from the region. http://sitzam.org.rs/YucorrXVII/Program_XVIYuCorr.pdf

3. **51st Meeting of the Serbian Chemical Society**, held in Novi Sad, May 29-30, 2015 (<http://www.shd.org.rs/52SHD/>), organized by the Serbian Chemical Society
- Electrochemical Section of the Meeting (1 oral and 12 poster presentations).
 - Poster entitled: **Pseudocapacitive characteristics of the unusually-shaped nano-crystalline ruthenium oxide prepared by hydrothermal synthesis in a microwave reactor**, by Gavrilo Šekularac, Aleksandar Dekanski, Milica Košević, Sanja Stevanović, Saša Drmanić, Ivana Kostić, Vladimir Panić won an IUPAC Poster Award.
4. **5th Regional Symposium on Electrochemistry: South-East Europe (RSE-SEE5)**, held in Pravets, Bulgaria, June 7-11, 2015 (<http://www.rse-see.eu/>), supported by ISE:
- **Vesna Mišković Stanković**, member of the Scientific Committee (due to the absence, during the symposium replaced by Jelena Bajat)
 - **Aleksandar Dekanski**, member of the Organizing Committee.
 - **Ivana Jevremović**, member of the Committee of the Satellite Student Regional Symposium on Electrochemistry – SSRSE
 - 1 Key-note lecture, 3 oral and 6 poster presentations from Serbia
 - Poster entitled **Controlled colloidal synthesis, basic electrochemical properties of TiO₂-supported Pt**, by M. Košević, S. Stevanović, G. Šekularac, V. Pavelkić, V. Jovanović, V. Panić Controlled colloidal synthesis, basic electrochemical properties of TiO₂-supported Pt won a YOUNG SCIENTISTS POSTER AWARD
 - Oral presentation **Shape controlled, carbon supported Pt anodic catalysts for DFAFC** by M. Krstajić, S. Stevanović, V. Radmilović, J. Rogan, A. Wohlmuther, V. Radmilović, S. Gojković, V. Jovanović won a YOUNG SCIENTISTS ORAL PRESENTATION AWARD
 - The **Association of South-East European Electrochemists (ASEE)** was established on the June 10, 2015 by a Common Decision of the Scientific Committee (SC) of the 5th Regional Symposium on Electrochemistry – South-East Europe (RSE-SEE5). Tentative Internal Operating Principles of the Association are adopted.
5. **Meetings of the Electrochemical Division of the Serbian Chemical Society**
- **July 8, 2014**
Discussions and decisions concerning applications for 71st ISE Annual Meeting and 5th Regional Symposium on Electrochemistry: South-East Europe (RSE-SEE5),
 - **November 10, 2014**
Lecture: **Dr Milica Vujković**, Faculty of Physical Chemistry, University in Belgrade -*Comparison of lithium and sodium intercalation materials*;
Discussions and decisions concerning 5th Regional Symposium on Electrochemistry: South-East Europe (RSE-SEE5).
 - **February 24, 2015**
Annual meeting of the Electrochemical Division, election for the President and the Secretary of the Division: **Vladislava Jovanović**, Full Research Professor, ICTM – Department of Electrochemistry was elected as the President and **Sanja Stevanović**, Research Assistants, ICTM – Department of Electrochemistry as the Secretary of the Division.
Lecture: **Dr Branimir Grgur**, Full Professor, Faculty of Technology and Metallurgy, University of Belgrade: *The photoelectrochemical behavior of polypyrrole modified by metal sulphides using SILAR method*
 - **June 18, 2015**
Lecture: **Dr. Irena Ciglonečki-Jušić**, Division for Marine and Environmental Research, Ruđer Bošković Institute, Zagreb, Croatia, *Nanoparticles of metal sulphides in the aquatic environment: electrochemical, nanogravimetric, STM, AFM and DLS research*



Aleksandar Dekanski
Dekanski@ihtm.bg.ac.rs <http://elchem.ihtm.bg.ac.rs>

Report 2015 of the ISE Regional Representative, South Africa

*Prepared for the ISE Regional Representatives meeting to be held during the
66th Annual Meeting of the ISE, October 4 – 9, 2015, Taipei, Taiwan*

Membership

- 1) Our active membership just dropped to 55 members in 2015. We are making efforts to remind members to renew their membership, and to recruit new members, targeting young electrochemists and postgraduate students.
- 2) Some of our members continue to hold important positions in the Universities and Science Councils.
- 3) A good number of South Africans will attend the 66th ISE AM, Taipei.

Activity

There are/were some electrochemistry-related meetings in South Africa:

1. 3rd International Symposium on Electrochemistry, University of the Western Cape, 26-28 May 2015 (organised by the ElectrochemSA & ISE sponsored)
2. African Utility Week: Cape Town ICC, Cape Town, 12 – 14 May 2015
3. 17th South African Chemical Institute (SACI) Inorganic Chemistry Conference, Rhodes University, Grahamstown, 26 June – 02 July 2015
4. South Africa-USA Energy Storage Workshop, Kwa Maritane Bush Lodge, North West Province, 08 – 11 July 2015
5. Catalysis South Africa (CATSA) conference, Arabella Hotel, Kleinmond, Cape Town, 15 – 18 November 2014 (ISE-sponsored)

Members

According to the Member Directory of ISE, the number of members from Spain is currently 110 coming from Universities, Research Institutes of CSIC, Technological centers and Spin-offs. The number has been stable during the last years. All the Spanish co-authors of papers published in *Electrochimica Acta* during 2014-2015 which are not members of the society have been contacted publicizing the benefits of the ISE (using the information provided by the Executive Secretary of the ISE, Prof. Marco Musiani).

Activities

-The ISE-sponsored *XXXVI Annual Meeting of the Electrochemistry Group of the Spanish Royal Society of Chemistry (RSEQ)* attended by more than 200 people, was held in Vigo between July 13th and 15th 2013. It was organized by Prof. Ramón Nóvoa (chair) and Prof. Carmen Pérez (Secretary), all of them from the University of Vigo. Plenary lectures were given by Prof. Prof. Annick Hubin (Belgium), Prof. Roberto Torresi (Brazil) and Dr. Carlos Sánchez (France).

-During the Meeting, 17 PhD students defended their Thesis Plan and 16 Master students presented their Master Research work in Electrochemistry. The registration fees of all these students were sponsored by the ISE-Spanish Group.

- The interuniversity master degree on electrochemistry - "*Electrochemistry: Science and Technology*" was taught for the second time. 20 students register for this edition of the master degree. The compulsory part of the degree took place in Alicante during January and February 2015. It is coordinated by Prof. Vicente Montiel (University of Alicante) and it is offered in 9 different Spanish universities

- 15 new students entered during the 2014/2015 academic year in the interuniversity PhD program on electrochemistry - "*Electrochemistry: Science and Technology*". The program is offered in 11 Spanish Universities and has the certification of excellence from the Spanish Ministry of Education.



August 10th, 2015

Enrique Herrero

Spain ISE Regional Representative

Universidad de Alicante.

Report for the RR meeting in Taiwan 2015, Sweden

Members:

The number of members has increased slightly since last year, and is presently 45 (41 in 2014).

Conferences:

BES 2015 (XXIII International Symposium on Bioelectrochemistry and Bioenergetics, 2015) was held in Malmö, June 14-18.

During June 15-17, an energy storage session was also organized at the national conference in Inorganic Chemistry in Visby, Island of Gotland. A large group of graduate students presented talks related to anode and cathode materials for lithium ion batteries. This session was also sponsored by the ISE, which was gratefully accepted by the organizing committee. The conference also started with popular scientific activities for a more general audience.

ISE members have also been active at many other major conferences, mainly related to biosensors and energy storage.

My second term as Regional Representative will end 2015. Elections for a new representative for Sweden for 2016-2018 will be organized.

Best Regards,

Dr. Fredrik Björefors, RR Sweden, Sept. 1, 2015
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ISE Regional Representatives

Geneva, 20 August 2015

2015 Report of the ISE Regional Representative for Switzerland

Prepared for the ISE Regional Representatives meeting at the 66th Annual Meeting of the ISE in Taipei, Taiwan.

Membership:

The ISE membership stands at 96 members in 2015, which is a substantial increase from the 66 registered in 2014.

New members are being solicited on an ongoing basis by directly contacting authors who publish in *Electrochimica Acta* and who have an address in Switzerland.

Activity:

An open competition was held to support Swiss based ISE members for their travel to the ISE Fall Meeting in Taiwan. The winners are the three following, each receiving 1'000 CHF of additional travel support:

Andreas Lesch, EPFL
Maria Cuartero, University of Geneva
Cancan Huang, University of Bern

Awards/Other:

Hubert Girault received the Reilley Award at Pittcon 2015.
Eric Bakker received the RSC Robert Boyle Prize for Analytical Science.

Sincerely,

Dr. Eric Bakker



Regional Representative Meeting
ISE Annual Meeting 2015, Taipei

Annual ISE Regional Report of Taiwan
2015

August 30,

Regional Representation of Taiwan has been established in the end of 2014. ISE active members from Taiwan increase dramatically from less than 10 people in 2013 to more than 200 members by the date of reporting. In 2015, along with many local activities, the main activity this year is to organize the 66th annual meeting in Taipei. Some of major activities are listed below.

In association with the Electrochemical Society of Taiwan and the ECS Taiwan Chapter, a one day Training course is organized on 16th of January 2015 at National Taiwan University of Science and Technology in Taipei. Four lecturers are invited to give lectures on the basic electrochemistry and the applications of CV, RRDE & Ac impedance techniques. Meanwhile, a “Round Table Discussion” was also held on the topics of the challenges and development of redox flow batteries. More than 100 participants from universities and industries have registered and strongly engaged in this discussion. The fruitful discussion and conclusion have been reached.

In September, a workshop of English Communication is organized for local (student) members. Professional lectures are invited to help all poster presenters in the 2015 ISE annual meeting to practice and improve their oral communication skills. In addition, two talks from Prof. Hongjie Dai (Stanford University, USA) and Prof. Wei-Ping Dow (National Central University, Taiwan) are also scheduled in September to keep our members updated with the latest research activities and progresses in the electrochemistry. Furthermore, a cross-strait electrochemistry symposium will be held on 10/4 and the event is envisaged to facilitate the understanding and cooperation for researchers in China, HK, Macau and Taiwan. Several outstanding scholars are presenting their latest progress in front of audience of 150-200 people (by estimation).

These summarize electrochemistry related events in Taiwan in 2015.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bing Joe Hwang". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Prof. Bing Joe Hwang

ISE Taiwan Representative

Sustainable Energy Development Center

National Taiwan University of Science and Technology

The Electrochemical Society of Taiwan (ECSTw)

#43, Sec. 4, Keelung Rd., Taipei, Taiwan

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August 20, 2015

2015 ISE Report for Turkey

Regional Representation of Turkey has been established in the beginning of 2014. Current numbers of members from Turkey are 28 with representation in all divisions. There were 25 members in 2014. Turkish researchers publishing in electrochemistry journals are constantly communicated for them to become member at ISE.

A national e-mail communication list was formed with ISE members and non-members involved in electrochemistry research.

In 2015, along with many local activities, some important international ones are listed below.

5th Physical Chemistry Congress (<http://fizikselkimya2015.com/>) hosted many electrochemists in Konya from May 16 to 19.)

11th International Symposium on Pharmaceutical Sciences (ISOPS-11) took place in Ankara, June 9-12, 2015 (<http://www.isops-ankara.org/>). There were many electrochemistry session presentations from prominent researchers.

2nd International Congress on Biosensors (<http://biosensor2015.gediz.edu.tr/>) took place in İzmir between 10-12 June 2015. Conference had parallel sections on Electrochemical DNA sensors, Impedance spectroscopy and other electrochemistry related topics.

International Symposium on Materials for Energy Storage and Conversion (mESC-IS 2015) (<http://mesc-is.org/>) will take place in Ankara from September 7 to 9. The symposium will provide a forum for discussion in solid state hydrogen storage, batteries and fuel cells. Parallel with this event, an International summer school is organized on Materials for Energy Storage and Conversion from Sept. 3 to 6. These two activities are supported by COST Action.



11th International Electrochemistry Meeting (ECM11) (<http://www.ecm11van.org/>) will take place in Van between September 7-11, 2015. This is the largest gathering of electrochemistry community in Turkey. This event is supported by ISE.

These summarizes electrochemistry related events that I am aware of or known to members of ISE in Turkey.

Sincerely,

Suha Yazıcı

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ISE Annual Meeting 2015, Taipei - Regional Representatives Meeting

United Kingdom (Regional Representative: Dr Tim Albrecht, since 2011 (re-elected 2013))

Annual report, ISE UK Regional Section (2014-2015)

Over the last year, the ISE has continued to be involved in a range of annual, local student meetings in an effort to publicize the Society and its activities. This included several regional meetings in different parts of the country (partly student-run), e.g. the "Electrochemistry Northwest" Meeting, the "Great Western" Electrochemistry Meeting and the Midlands Electrochemistry Meeting. All these meetings were well-attended - they have typically about 40-50 student participants and a poster session, as well as a small number of plenary talks from established academics. The UK national electrochemistry meeting takes place in Durham this year (September 2015) and is supported by the ISE as well.

The ISE has furthermore recently signed a formal collaboration agreement with the Electrochemistry Interest Group of the RSC, further enhancing the strong links between the two communities.

At the time of writing this report, the membership has increased to 202 (active) members (up from 188 in the previous year and 172 in the year before).

Finally, as of today, the UK Regional Group is also heavily involved in other activities of the Society with Dr Mary Ryan (Imperial) as the Past Chair of Division 4, Prof. Andrea Russell (Southampton) as Chair Elect of Division 7 and Prof. Patrick Unwin (Warwick) as Chair of the New Topics Committee. Prof. Phil Bartlett (Southampton) is "President Elect" of the Society (2015/16).

Yours sincerely,

Tim Albrecht

19th August 2015





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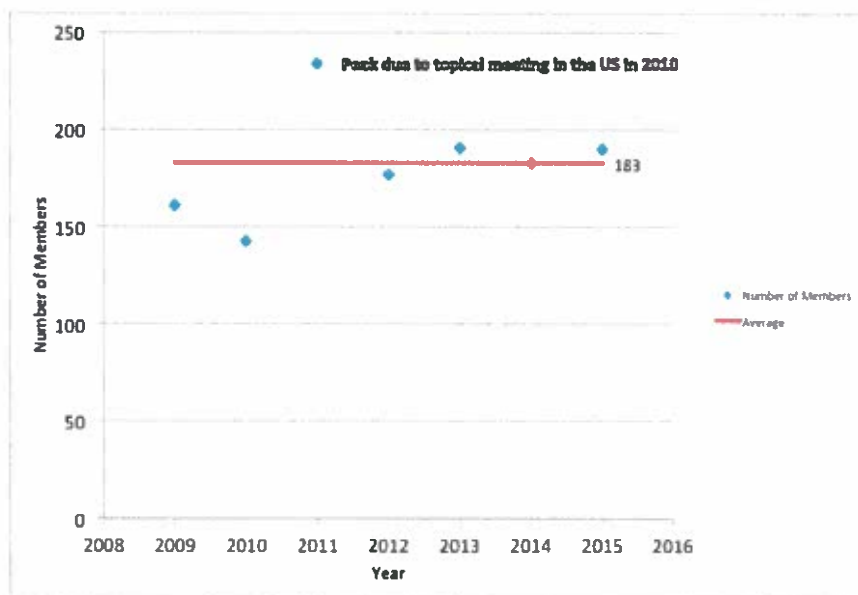
August 28, 2015

ISE Annual Report Meeting 2015 - USA

Memberships

United States has currently 190 members; this represents a slight increase when compared to the average number of members over the past seven years (2009-2015). The peak (234 members) observed in year 2011 was caused by a topical meeting that took place in the United States in 2010. Clearly there is opportunity for increasing the number of memberships. It is expected that with the annual meeting planned for the US in 2017, the number of members could increase.

Recruitment of members is taking place on an ongoing basis by directly emailing colleagues and authors who published in *Electrochimica Acta*.



Activities

The US group, under the leadership of Sanjeev Mukerjee (Northeastern University) and Mark Orazem (University of Florida) -co-chairs for the annual meeting, is working on the planning and organization of the 2017 Annual Meeting that will take place in Providence Rhode Island. The following other members have agreed to be part of the local organizing committee: E. Jennings Taylor (Faraday Technology), Shelley D. Minter (University of Utah), Dan Little (University of California Santa Barbara), and Gerri Botte (Ohio University)


Gerardine G. Botte, PhD, Regional Representative for the USA
University Distinguished Professor and Russ Professor of Chemical and Biomolecular Engineering
Director of Center for Electrochemical Engineering Research, Ohio University