



IUPAC

International Union of Pure and Applied Chemistry

Inorganic Chemistry Division (II) Newsletter 2014_1

Editors Note: Below you will find the 2014-1 Newsletter; it was compiled thanks to your kindness to send materials. So keep sending your items, including pictures, or suggested topics for future issues, preferable via email to ohrstrom@chalmers.se. I can handle most formats of attachments.

Kindest regards, Lars Öhrström.

Division II Members 2014-2015

President: [Reedijk, Jan](#); **Vice President:** [Öhrström, Lars](#) **Secretary:** [Leskelä, Markku](#); **Past President:** [Loss, Robert D.](#),

Titular members: [Ding, Tiping](#), [Drabik, Milan](#); [Tshuva, Edit Y.](#) [Rabinovich, Daniel](#); [Walczyk, Thomas](#); [Wieser, Michael](#)

Associate members: [Garcia-Martinez, Javier](#), [Buchweishaija, Joseph](#);

[Vannier, Rose-Noelle](#); [Kiliç, Adem](#); [Sakai, Ken](#); [Karen, Pavel](#);

National representatives: [Abdul Aziz, Farina](#); [Armelaio, Lidia](#); [Badshah, Amin](#); [Chandrasekhar, V.](#); [Galamba Correia, João](#); [Kalmykov, Stepan](#); [Trendafilova, Natasha](#); [Prugovečki, Biserka](#); [Meesuk, Ladda](#); [Mathur, Sanjay](#);

Division II Subcommittees and Commissions currently in operation are the following:

[Subcommittee on Isotopic Abundance Measurements](#)

[Interdivisional Subcommittee on Materials Chemistry](#)

[Commission on Isotopic Abundance and Atomic Weights](#)

[Stable Isotope Reference Material Assessment](#)

Singapore off-year meeting

The division's off-year meeting to place during 1½ day at National University of Singapore, kindly hosted and exemplary organised by Thomas Walczyk. Among notable items were a number of reports from IUPAC committees and affiliated organisations, discussions on sponsorship of conferences and the generation of new projects. The minutes have been distributed to the members.



From left to right: *Joseph Buchweishaija (Tanzania), Daniel Rabinovich (USA), Tiping Ding (China), Ladda Meesuk (Thailand), Robert Loss (Australia), Yang F. Abdul Aziz (Malaysia), Jan Reedijk (The Netherlands), Ken Sakai (Japan), Michael Wieser (Singapore), Lars Öhrström (Sweden), Milan Drábik (Slovakia), Markku Leskelä (Finland), Thomas Walczyk (Canada. Absent is Observer IUPAC and division past president Kaz Tatsumi (Japan).*

Scheduled 2015 Meeting of Division II.

The Division Committee has a meeting preliminary scheduled to August 8-9 2015 during the IUPAC General Assembly and World Chemical Congress in Busan, South Korea: <http://www.iupac2015.org>
For the conference note these deadlines:
Abstract: April 30, Registration: June 30, 2015

Project Planning and Progress News

Project 2009-045-1-200 on luminescence spectroscopy (division contact Ken Sakai) has submitted a draft report to PAC.

Project 2012-044-1-100, Basic Terminology of Crystal Engineering had a meeting in Italy in June (division contact Lars Öhrström) during the International Symposium on Halogen Bonding, <http://www.isxb-1.eu>.

Project No. 2014-001-2-200, Terminology guidelines and database issues for topology representations in coordination networks, metal-organic frameworks and other crystalline materials (chair Lars Öhrström) is ongoing and was referred to in the Chemistry World (RSC) article *Zeolite nets new carbon allotropes*: <http://www.rsc.org/chemistryworld/2014/12/zeolites-new-carbon-allotropes-network-topology>

Daniel Rabinovich and collaborators are working on a **Periodic Table of Life** project.

A project to **showcase how to use Wikipedia** to promote and inform about division activities has been given to Lars Öhrström and Michael Weiser to formulate.

Changes at the IUPAC secretariat

Economic situation of IUPAC is tight and budget cuts of 15 % have been made for all divisions and commissions for 2014-2015. Dr. Lynn Soby (Isoby@iupac.org), is the new IUPAC Executive Director. Both Bryan Pearson and Paul LeClair have left the organization. IUPAC has now four full and part time employees at the secretariat in Research Triangle Park, North Carolina.

deGruyter is new publisher for PAC and CI

The journals can now be found at the webpages degruyter.com/ci for Chemistry International and degruyter.com/pac for Pure and Applied Chemistry.

We can note that among the 10 most downloaded articles we have several with origin in the division:

1. Assessment of international reference materials for isotope-ratio analysis (IUPAC Technical Report) by Brand, Willi A. et al.
4. Atomic weights of the elements 2011 (IUPAC Technical Report) by Wieser, Michael E. et al.
5. Toward a comprehensive definition of oxidation state (IUPAC Technical Report) by Karen, Pavel et al.
8. Terminology of metal–organic frameworks and coordination polymers (IUPAC Recommendations 2013) by Batten, Stuart R. et al.

Corroborating evidence for element 115.

We note that there is no news yet of the anticipated report from the IUPAC/IUPAP Joint Working Party. For the naming procedure see W. H. Koppenol, [Naming of new elements \(IUPAC Recommendations 2002\)](#), *Pure Appl. Chem.* **2001**, *74* (5), 787–791.)

Wikipedia and division II

Apart from the task assigned to Weiser and Öhrström all division members are urged to read and also edit relevant pages in Wikipedia, in English or other languages. Currently entries such as the following may be interesting:

<https://en.wikipedia.org/wiki/IUPAC>

https://en.wikipedia.org/wiki/IUPAC_Inorganic_Chemistry_Division

https://en.wikipedia.org/wiki/Commission_on_Isotopic_Abundances_and_Atomic_Weights

But also entries referring to IUPAC activities such as for example:

<https://en.wikipedia.org/wiki/Livermorium>
https://en.wikipedia.org/wiki/Periodic_table

need to be scrutinized. Note that it is very easy to edit existing Wikipedia articles; it takes but a few minutes and clicks to become an editor, but that it takes more work to create new articles where there is a procedure for acceptance.

Meetings, Events and IUPAC Sponsored Conferences

The 11th Conference on Solid State Chemistry

The scientific program consisted of five plenary lectures, 11 key-note lectures, 53 lectures and 99 posters. Young authors of 25 posters entered the IUPAC sponsored poster competition. The book of Abstracts is available on-line at:

http://www.ssc2014.sav.sk/images/photos/SSC_2014_Book_of_Abstracts.pdf.

Division members news

Javier García-Martínez is now a member of the World Economic Forums Global Agenda Council on Nanotechnology 2014-2016, see <http://www.weforum.org/content/global-agenda-council-nanotechnology-2014-2016-0>.

The American Crystallographic Association (ACA) has selected **Dan Rabinovich** as the 2014 Elizabeth A. Wood Science Writing Award winner. This award is given by the ACA every few years to people who have “written books and articles that bring science to the attention of a wider audience.” Cheryl Stevens, ACA President, said that Dan’s regular column, “Stamps International,” in IUPAC’s *Chemistry International* is noteworthy. (CI 2014)

Lars Öhrström’s popular science book “The Last Alchemist in Paris” has been translated to Spanish (Sept. 2014) and Swedish (March 2015).

In March **Amin Badshah** received the Medal of Excellence (Tamgha-i-Imtiaz) from the State of Pakistan.

Duties of Division Members

Starting 2012 all division member duties (TM&AM) have been made visible in a matrix table.

Membership of Inorganic Chemistry Division Committee 2014-2015

Name	Status	Term	NAO
Prof. Jan Reedijk	TM – President	2014-2017	Netherlands
Prof. Lars Öhrström	TM – Vice President	2014-2017	Sweden
Prof. Markku Leskelä	TM – Secretary	2012-2015	Finland
Prof. Robert D. Loss	TM – Past President	2014-2015	Australia
Prof. Tiping Ding	TM	2014-2015	China/Beijing
Dr. Milan Drábik	TM-2 nd term	2014-2015	Slovakia
Prof. Daniel Rabinovich	TM	2014-2015	United States
Prof. Edit Y. Tshuva	TM-2 nd term	2014-2015	Israel
Prof. Thomas R. Walczyk	TM	2014-2015	Switzerland
Prof. Michael Wieser	TM	2014-2015	Canada
Dr. Javier García-Martínez	AM-2 nd term	2014-2015	Spain
Prof. Pavel Karen	AM	2014-2015	Norway
Dr. Adem Kiliç	AM-2 nd term	2014-2015	Turkey
Prof. Rose-Nöelle Vannier	AM-2 nd term	2014-2015	France
Dr. Joseph Buchweishaija	AM-2 nd term	2014-2015	Tanzania
Prof. Ken Sakai	AM	2014-2015	Japan
Prof. Lidia Armaleo	NR	2014-2015	Italy
Prof. Yang F. Abdul Aziz	NR-2 nd term	2014-2015	Malaysia
Prof. Amin Badshah	NR	2014-2015	Pakistan
Prof. V. Chandrasekhar	NR-2 nd term	2014-2015	India
Prof. João Galamba	NR	2014-2015	Portugal
Prof. Stepan N. Kalmykov	NR	2014-2015	Russia
Prof. Sanjay Mathur	NR	2014-2015	Germany
Prof. Ladda M. Meesuk	NR	2014-2015	Thailand
Prof. Biserka Prugovečki	NR-2 nd term	2014-2015	Croatia
Prof. Natasha Trendafilova	NR-2 nd term	2014-2015	Bulgaria

10 TMs, 6 AMs, 10 NRs

AM = Associate Member

NR = National Representative

TM = Titular Member

Young observers that attended the division meetings at the last GA

Prof. Brian A. Korgel	YO	United States
Prof. Robin Macalusco	YO	United States
Dr. Duangsamorn Morawong	YO	Thailand
Dr. Juris Meija	YO	Canada
Dr. Udomphan Kemawadee	YO	Thailand
Dr. Lucinda Dudd	YO	UK

Leaving:

Dr. Norman E. Holden, United States

Prof. Henrique E. Toma, Brazil

Prof. Sujittra Youngme, Thailand

Prof. Ali Saquib, Pakistan