

# Division of Analytical Chemistry



*European Association for Chemical and Molecular Sciences*

**2011 Annual Meeting**

**42<sup>nd</sup> Meeting of EuCheMS-DAC**

**Sunday, September 11, 2011**

**Time: 9.00 am. - 2.00 pm.**

**Venue: Belgrade, Congress Center Sava, Room 9, Ground floor**

**Minutes of the Meeting**

## **Participants**

<b>Austria</b>	<b>Prof. W. Buchberger*</b>	<b>Austrian Society of Analytical Chemistry</b>
<b>Brazil</b>	<b>Prof. S. Cadore</b>	<b>Brazilian Chemical Society</b>
<b>Cyprus</b>	<b>Dr. C. P. Kapnissi-Christodoulou*</b>	<b>Pancyprian Union of Chemists</b>
<b>Czech Rep.</b>	<b>Prof. J. Barek*</b>	<b>Czech Chemical Society</b>
<b>Denmark</b>	<b>Dr. J. Andersen*</b>	<b>Danish Chemical Society</b>
<b>France</b>	<b>Dr. C. Rolando*</b>	<b>Société Chimique de France</b>
<b>Germany</b>	<b>Prof. R. Salzer*</b>	<b>Gesellschaft Deutscher Chemiker</b>
	<b>Dr. E.-H. Korte</b>	<b>Deutsche Bunsen-Gesellschaft für Physikalische Chemie</b>
<b>Greece</b>	<b>Prof. M. Karayannis*</b>	<b>Association of Greek Chemists</b>
<b>Hungary</b>	<b>Prof. G. Horvai*</b>	<b>Hungarian Chemical Society</b>

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# Division of Analytical Chemistry



*European Association for Chemical and Molecular Sciences*

<b>Israel</b>	<b>Prof. D. Mandler</b>	<b>The Israel Chemical Society</b>
<b>Italy</b>	<b>Prof. L. Sabbatini*</b>	<b>Italian Chemical Society</b>
<b>Poland</b>	<b>Prof. M. Jarosz*</b>	<b>Polish Chemical Society</b>
<b>Romania</b>	<b>Dr. A-J. Stoica*</b>	<b>Romanian Chemical Society</b>
	<b>Prof. R.-I. van Staden</b>	<b>Romanian Chemical Society</b>
<b>Russia</b>	<b>Prof. B. Ya. Spivakov*</b>	<b>Russian Academy of Sciences</b>
	<b>Prof. S.N. Shtykov</b>	<b>Medeleev Russian Chemical Society</b>
<b>Serbia</b>	<b>Prof. S. Ražić*</b>	<b>Serbian Chemical Society</b>
	<b>Prof. I. Popović</b>	<b>Serbian Chemical Society</b>
<b>Slovakia</b>	<b>Prof. J. Labuda*</b>	<b>Slovak Chemical Society</b>
<b>South Africa</b>	<b>Prof. K. van Staden</b>	<b>South African Chemical Society</b>
<b>Spain</b>	<b>Prof. R. Tauler</b>	<b>Catalan Chemistry Society</b>
<b>Sweden</b>	<b>Prof. B. Karlberg*</b>	<b>Swedish Chemical Society</b>
<b>U.K.</b>	<b>Prof P. Worsfold*</b>	<b>Royal Society of Chemistry</b>
	<b>Prof. D.T. Burns</b>	<b>Royal Society of Chemistry</b>

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25 participants representing 20 countries. 16 Delegates with voting rights.

## 1. Opening

### 1.1 Welcome by Paul Worsfold

The Chairman welcomed the Delegates, Guests and Observers and expressed his gratitude to the Serbian Chemical Society for providing the excellent venue of the AM.

### 1.2 Finalisation of the Agenda

Agenda approved

## 1.3 Changes in membership, attendance, apologies

Spain: Elena Domínguez of the Spanish Society of Analytical Chemistry replaces Miguel Valcarcel.

Norway: Elin L. Gjengedal replaces Walter Lund.

Catalonia: Roma Tauler becomes a new Delegate to DAC.

Apologies: Philippe Garrigues, Elin Gjendal/Norway, Philomena M. Camoes/Portugal, Jeremy Glennon/Ireland, Wolfgang Lindner/Austria, Trajče Stafilov/Macedonia, Güler Somer/Turkey, Urban Frey/Switzerland, Hendrik Emons/Belgium, Vladimir Zaitsev/Ukraine, Lauri Niinistö/Finland, Koen Janssens/Belgium, Günther Gauglitz/Germany, Takehiko Kitamori/Japan, Miguel Valcarcel/Spain, Elena Dominguez/Spain, Manfred Grasserbauer/Austria.

## 1.4 Approval of the Minutes of 41<sup>st</sup> DAC Meeting, Sunday, August 29, 2010 Nuremburg, Germany

Minutes approved.

## 2. Report of the Chairman

The DAC central website has migrated to the EuCheMS website where it will be maintained professionally.

An Account for DAC has been opened at EuCheMS. A Treasurer will be appointed if required.

DAC was represented by Prof Worsfold at the In Vino Analytica Scientia conference in Graz in July 2011. This was a jointly sponsored meeting by DAC and the Division of Food Chemistry (represented by Prof Livia Sarkady).

Information from EuCheMS will be forwarded by email to all Delegates via the Secretary unless requested not to do so.

## 3. Elections and Appointments

### 3.1 Steering Committee membership

Paul Worsfold (Chairman), Jens Andersen (Secretary), Slavica Ražić, Wolfgang Buchberger and Jiri Barek. It was proposed (and accepted) to expand the Membership for 2012 to include Delegate Jarosz Maciej of the Polish Society of Chemistry.

Jens Andersen will retire as Secretary and a new Secretary should be announced before next AM in Prague. **Action:** Paul Worsfold.

A Treasurer will be appointed for the EuCheMS account if required.

### 3.2 Clusters of DAC experts: fields and membership

The matrix of Clusters of DAC expert should be updated and Delegates, Guests and Observers are encouraged to submit contributions to the Secretary.

### 3.3 Report from RKL jury Reiner Salzer(Chairman), Wolfgang Lindner, Miguel Valcarcel, Elo Hansen and Alan Townshend

It was agreed to change the text of the RKL statutes by the inclusion of new item 6 as follows. *“The DAC Steering Committee has the right to nominate additional candidate(s) if requested to do so by the “Robert Kellner Lecture” jury”*. Under new item 5 the number of jury members was changed from 5 to 3 – 5. The revised version was unanimously accepted following a proposal by Paul Worsfold and seconded by Jens Andersen. The full text is included at the end of the minutes for reference. The existing jury will be invited to become members of the 2013 RKL jury: i.e. Reiner Salzer, Wolfgang Lindner, Miguel Valcarcel, Elo Hansen and Alan Townshend. **Action:** Paul Worsfold.

Delegates are urged to make nominations for the 2013 RKL award. **Action:** All.

DAC will endeavour to publicise the call for 2013 nominations in as many journals as possible.

## 4. EUROANALYSIS Conferences

### 4.1 Thanks to the members of the Jury of the Robert Kellner Lecture 2011 and the nominators of candidates.

The Chairman thanked the RKL jury for their work.

## 4.2 EUROANALYSIS XVI: Prof. Dr. Slavica Ražić, Belgrade, Serbia. 11-15 September 2011

Brief statistical report given by Slavica Ražić:

### Participant Types

Type	Number of Participants
Registered participants	600
Students	134
Reduced fee students	67
Accompanying persons	10
Grants	66
Free of charge	90
Last minute cancellations	63

### Participant Nationalities

Country	Number of Participants
Serbia	74
Spain	71
Russia	41
Poland	35
Italy	32
Germany	30
Turkey	30

- More than half of the participants contributed one abstract, approx. 25% contributed two abstracts and approx. 25% did not contribute an abstract.
- Ten plenary lectures were given.
- Participants found fee high for short courses.
- Awards given to Alfredo Sanz-Medel (EuCheMS) and to Jonas Bergquist (RKL).

**Many thanks are due to Slavica Ražić for her fantastic efforts in organising Euroanalysis XVI, Ivanka Popović for her support and the Serbian Chemical Society for their hospitality.**

**Ivanka Popović** reported on Honorary awards given by the Serbian Chemical Society: Bo Karlberg and Heiner Korte were awarded a certificate and a plaque.

## 4.3 EUROANALYSIS XVII: Prof. Maciej Jarosz, Warsaw, Poland. August 2013

Short history of application procedure by Maciej Jarosz:

- Application for hosting 2006
- Prof. Karlberg visited 2009
- Reservation of rooms 2009
- First leaflet 27 March 2010
- Presidium meeting Belgrade 2010
- Presentation in Nuremberg

A presentation was followed by an opportunity for questions.

Sponsors to date: ABC, Perlan Technologies Polska, Lufthansa.

Website: [www.euroanalysis2013.pl](http://www.euroanalysis2013.pl)

Short Courses: Programme framework similar to Belgrade.

Sponsorship: IUPAC will be contacted for student bursaries.

## 4.4 EUROANALYSIS XVIII: Dr. Christian Rolando, Bordeaux, France, 2015

Christian Rolando gave a presentation and reported the following:

- Euroanalysis was last organised in France 33 years ago.
- Bordeaux University has 70,000 students, 130 laboratories and is among the top universities in France.
- There is capacity for 12,000 hotel rooms.
- There is a shuttle more than 10 times per day to Paris (1 hour).
- The meeting will be based at the Bordeaux Convention centre.
- Bordeaux has an ultra-modern infrastructure.
- Budget based upon 900 participants. Registration fee 400 euro.
- 7 short courses, 3 parallel sessions, 9 plenary speakers.
- 5% of full registration fee to DAC must be included.
- Guaranteed by the French Chemical Society.

A bid book for Euroanalysis 18 has not been received but financial details were included in the presentation. The AM unanimously approved the application by the French Chemical Society to host Euroanalysis XVIII in Bordeaux subject to receipt of an official bid within one month of the AM. **Action:** Christian Roland.

## 5. Reports and Information

### 5.1 News from EuCheMS

Jiri Barek reported that ECC Prague will have 3 days of Analytical Chemistry content and will have a higher profile than previous congresses. Subjects include Electroanalytical chemistry. Molecular spectrometry, Mass spectrometry. This will be discussed at the next StC meeting.

### 5.2 Study Group 'Education in Analytical Chemistry'; Head: Prof. R. Salzer

Milt Karayannis reported that new educational law was passed in Greece leaving but a minor role to AC.

ABC now has a column for education in analytical chemistry.

E-Chemtest freely available is a useful tool of teaching both basic and more advanced subjects of chemistry and AC is well represented.

### 5.3 Study Group 'Quality Assurance and Accreditation'; Head: Dr. Jens Andersen as reporting DAC representative, and Hendrik Emons as liaison person to CITAC.

A report from Eurachem GA in Moscow was presented. The new edition of "Vocabulary in Metrology" and Questionnaire for Universities and Companies is in preparation.

There is not much emphasis on teaching QA according to Reiner Salzer.

### 5.4 Study Group 'History'; Head: Prof. D.T. Burns

A report of activities, including several publications in the past year, was tabled by Duncan Burns. Koos van Staden commented on an article on electroanalytical chemistry for which Daniel Mandler was a contributor.

### 5.5 Study Group 'Bioanalytics'; Head: Prof. G. Horvai

Bioanalytical chemistry is often not part of analytical chemistry programme at conferences.

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The 7<sup>th</sup> International Interdisciplinary Meeting on Bioanalysis was held in Pecs, Hungary in 2010.

Jan Labuda reported that the IUPAC “Orange book” Compendium of Analytical Chemistry is being revised and should include a section on “Bioanalytical Chemistry” and the target date for publication is 2014. Koos van Staden expressed the impression that Bioanalytical Chemistry is moving away from Chemistry towards Physics.

### **5.6 Study Group ‘European AC on the web’; Head: Prof. B. Karlberg**

The latest update was September 2010. The homepage may migrate to EuCheMS. Bo Karlberg suggests immediate transfer and warned about serious problems with a computer virus in files received from Bulgaria. Christian Rolando informed the meeting that ESF maintains a website with the same type of information.

### **5.7 Cooperation with other EuCheMS Divisions and Working Parties, communications from liaison persons**

It is important to improve dialogue with Chairs of other Divisions, e.g. Food (Chair Livia Sarkady) and Environment (Chair Walter Giger). Information should be given in Lol.

**Action:** Paul Worsfold to contribute.

Luiggia Sabbatini reported that there is improved liaison with the Division of Electrochemistry.

### **5.8 Call for RKL Nominees**

Nominations of RKL scheduled for 2012

### **5.9 Suggestions for new Study Group topics**

The general rule of the Statutes is that a task force is formed and if the level of activity is high, it may be transformed into a Study Group at the next AM.

The Task Force on “Opportunities in Analytical Chemistry” was closed due to a lack of activity.



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It was agreed to establish a Task Force on Chemometrics headed by Roma Tauler of the Catalonian Chemical Society. This could encourage more chemometricians to attend Euroanalysis in the future. Koos van Staden proposed to contact Klaus Danzer who may support the Task Force.

Heiner Korte reported that a new system is being proposed for SI units because the current system is not precise. A draft version is available from BIPM CCQM-MiC (Metrology in Chemistry) (see [www.bipm.org/common/pdf/CCU20.pdf](http://www.bipm.org/common/pdf/CCU20.pdf)). ACQUAL has had a number of contributions critical of the new system. There is a new definition for the mole. Duncan Burns reported that physicists and metrologists discussed change of SI system at a Royal Society meeting in London where only two analytical chemists were present. It was agreed that Study group QA should include this important topic within its remit and that a sub-committee should be formed, chaired by Heiner Korte and including Duncan Burns.

Milt Karayannis suggested formation of a new Task Force on archeometry, cultural heritage and forensics. The Task Force would investigate special methods of sampling, analysis and collaboration with other disciplines. Heiner Korte to find liaison person within EuCheMS because there is a sub-division concerned with studies of chemistry and the conservation of cultural heritage. Sergei Stykov suggested that the topic is suitable for publication as popular articles. Paul Worsfold proposed to postpone formation of this particular Task Force until a report from Milt Karayannis with further details at the next AM. In the meantime Delegates are encouraged to forward any thoughts on this topic to Milt Karayannis.

### **5.9 Events 'organized in cooperation with DAC-EuCheMS**

13<sup>th</sup> Conference on Instrumental Analysis (JAI), EXPOQUIMIA, 14-16 November, 2011, Barcelona, Spain.

12<sup>th</sup> Eurasia Conference on Chemical Sciences, April 16-20, 2012, Corfu, Greece. European Chemistry and Chemical Engineering Education Network (EC2E2N, [www.ec2e2n.net](http://www.ec2e2n.net)).

Analysdagarna, 11-13 June, 2012, Uppsala, Sweden. Bo Karlberg announced that the Conference fee is waived for Delegates.

## 6. Any other business

Reiner Salzer informed about new Springer Series on Chemistry where he is responsible for the Analytical part: Lecture notes in Chemistry.

Paul Worsfold thanked the Serbian Chemical Society for generously providing coffee and lunch for Delegates.

### 6.1 Date and venue of the 2012 DAC Annual Meeting

Prague, Sunday August 26 at 9 am, probably at the conference centre.

jeta/06 November 2013

## Appendix

DAC Procedures and Practices

### Statutes of the "Robert Kellner Lecture"

- 1 The Division of Analytical Chemistry of the European Association for Chemical and Molecular Sciences (DAC-EuCheMS) has established the "Robert Kellner Lecture", sponsored by Springer-Verlag, in memory of the efforts and achievements of the late Prof. Dr. Robert Kellner from Vienna University of Technology towards the consolidation of Analytical Chemistry in Europe.
- 2 The lectureship shall be awarded regularly. The lecture shall be delivered as a prominent plenary lecture at a EUROANALYSIS Conference.
- 3 The awardee shall be a European individual who has made substantial contribution to the advancement of Analytical Chemistry research or education.
- 4 Nominations will be publicly called for. Candidates may be proposed by one of the European Chemical Societies, other scientific bodies and individual scientists (self-nomination excluded). The nomination must include a justification letter describing the achievements and the candidate's curriculum vitae and address. It must reach the Secretary of DAC - EuCheMS before the date given in the announcement of the call. Current DAC Delegates, Observers and Guests are not eligible.

# Division of Analytical Chemistry



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- 5 The jury for each "Robert Kellner Lecture" shall be composed of three to five renowned analytical chemists (including not more than two current DAC-EuCheMS delegates). The jury members are proposed by the DAC Steering Committee and endorsed by the DAC Annual Meeting. The jury acts in an honorary capacity.
- 6 The DAC Steering Committee has the right to nominate additional candidate(s) if requested to do so by the "Robert Kellner Lecture" jury.
- 7 The lectureship shall be granted to a single candidate or left unawarded if none of the candidates is judged to qualify as a suitable recipient.
- 8 The awardee will receive a diploma and the funding of travel and accommodation expenses as well as free registration for the EUROANALYSIS Conference at which the "Robert Kellner Lecture" is delivered.

*Originally passed by the Annual Meeting on 21 September 2003 in Thessaloniki, Greece and revised at the DAC Annual Meeting in Belgrade, Serbia on 11 September 2011. The parent association FECS adopted the name 'EuCheMS' in October 2004; this document has been changed accordingly as endorsed by the DAC Annual Meeting on 25 June 2006 in Moscow, Russia.*