

Prof. Jon Petter Omtvedt Chairman

Division on Nuclear and Radiochemistry European Association for Chemical and Molecular Sciences

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Minutes of the Annual Meeting of the

DIVISION on NUCLEAR and RADIOCHEMISTRY

held on Tuesday 29th August 2017 at 12:10 at the Ampere Room, 5th International Nuclear Chemistry Congress, Lindholmen Conference Centre, Gothenburg, Sweden

Those present: Jon Petter Omtvedt (Chair, Norway), Jan John (Secretary and Treasurer, Czech Republic), Philippe Guildbaud (proxy France), Flavia Groppi (Italy), Christian Ekberg (Sweden).

Apologies were received from: Ioannis Paschalidis (Cyprus), Xiaolin Hou (Denmark),
Jukka Lehto (Finland), Christoph Düllmann (Germany), Panagiotis Misaelides
(Greece), Noémi Nagy (Hungary), Bert Wolterbeek (The Netherlands),
Jerzy Narbutt (Poland), Stepan Kalmykov (Russia), Pavol Rajec (Slovakia),
C. Gascó Leonarte (Spain), Andreas Türler (Switzerland), Nick Evans (UK).

Those not present: Rositza Mihailova Kamenova-Totzeva (Bulgaria), Israel Zilbermann (Israel), Isabel Santos (Portugal), Divna Dĵokić (Serbia), Turan Unak (Turkey).

1. Welcome, Approval of agenda

J.P. Omtvedt welcomed the participants and presented apologies from those who had reported unable to attend. For the Presence List see Attachment 1.

The Annual Meeting agreed to the Agenda as circulated.

2. Society representation – changes and updates

No changes in society representation happened since the last meeting; Nick Evans resumed his function as the UK representative.

Three new countries were proposed to be invited together with their potential representatives. They are: Belgium (Thomas Cardinaels, SCK.CEN), Slovenia (Marko Štrok, IJS) and Estonia (Alan Tkaczyk, U. Tartu). Together with the distribution of the Minutes, J.P. Omtvedt will ask the DNRC members for potential alternative candidates in these countries and for proposals of any additional countries. Only after collecting and evaluating the response, the candidates will be contacted.

The current list of candidates is shown in the meeting presentation in Attachment 2, item 2.

3. Protocol of last meeting (29th August 2016, NRC9, Helsinki)

Minutes of the last meeting (29th August 2016, NRC9, Helsinki) were distributed by J. John on 25th September 2016, by e-mail (for a copy see Attachment 3). Most of the tasks listed were fulfilled. Additional comments are given item 3 of the meeting presentation in Attachment 2.

4. News from EuCheMS.

News from the Division Chairs meeting and from the General Assembly were presented by J. John and are listed in item 4 of the meeting presentation in Attachment 2. From the discussion it follows that the only really problematic moment are the "ExCom plans for the future of conferences and finances". No final position regarding this requirement has

been taken at the DNRC meeting (fortunately, it seems that compliance with this rule is not strongly enforced, yet).

5. Financial statement.

DNRC does not have its budget line with EuCheMS account, yet. There were no Incomes or Expenditures in 2016, nothing planned for 2017 either. RadChem 2018, as the DNRC conference, is prepared to transfer 20 % of any surplus to EuCheMS and share it between the ExCom and DNRC. However, no surplus is expected...

6. NRC EuroMaster – update about the evaluation of NRC EuroMaster applications

Al three reviews (by Christian Ekberg, Xiaolin Hou and Stepan Kalmykov) of both received applications (University of Helsinki, Czech Technical University in Prague) received shortly before the meeting. Annual Meeting acknowledged that all three reviewers recommended to grant the right to award the label to both universities. Annual Meeting decided to open the summaries to comments by the division members and only then finally decide on awarding the right.

7. The future of Nuclear and Radiochemistry – do we need a Task Force to promote our field?

The DNRC Annual Meeting decided that DNRC is prepared to join any such activity and support it by its credibility. Unless some of the division member(s) wish so, the DNRC will not start such activity itself.

8. Compilation of DNRC member countries NRC status, including their representative.

Only one set of information was received as a response to the recent request. The Annual Meeting decided that the contributions will be sought by an on-line form. J.P. Omtvedt is willing to compile the members' contributions.

9. DNRC Newsletter.

The 2016 Newsletter is available at the DNRC web page at http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/.

The plan for the 2017 Newsletter has been an overview of the status of NRC in DNRC member countries. J.P. Omtvedt is prepared to prepare a compilation of member countries representatives contributions. The Annual Meeting agreed that Pilippe Guildbaud / Pilippe Moisy and Christian Ekberg will prepare a "laboratory profile" – description of the European "heavy radiochemistry" laboratories / members of the Euratom TALISMAN project.

10. Upcoming NRC related conferences and meetings.

A list of NRC related conferences and meetings is maintained at DNRC web (http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/conferences/). The dump of the list (as of 29th August 2017) can be found in item 10 of the meeting presentation in Attachment 2.

Everyone aware of additional conferences worth posting should send the basic facts to J. John whenever available – permanent task. Request for this information should be also included into the general request mentioned in item 8 above.

11. Date and place of the next Annual meeting.

The Annual Meeting agreed that the next meeting will take place in connection to the RadChem 2018 conference in Mariánské Lázně, Czech Republic, to take place on the 13-19th May 2018 (http://www.radchem.cz/). The exact date will be decided later when the programme of the conference is defined.

12. Miscellaneous

J. John nominated A. Ware for DNRC Honorary Membership award for his merits in founding DNRC and anchoring it firmly in the EuCheMS system. The Annuals Meeting decided to ask the DNRC members for approval *per rollam* by a separate mail. The proposal and the voting should be kept secret until the decision is made and should not be made public too early.

("DNRC Honorary Membership" is designed to honour a person of outstanding merits and long-lasting valuable services for DNRC. Current DNRC Delegates, Observers and Guests are not eligible. Any Delegate can submit in writing a detailed proposal outlining the case for an award. The proposal will be distributed with the agenda of the next Annual Meeting, to be discussed and decided there. The DNRC Honorary Membership consists of a document which states the acknowledged merits and a right to attend the DNRC Annual Meetings in advisory role. The document will be handed over by the DNRC Chairperson at a suitable occasion, preferably in presence of a large audience of colleagues.)

Recorded by:
Jan John
DNRC Secretary
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Attachments:

- 1. Presence list
- 2. DNRC EuCheMS 2017 Annual Meeting presentation
- 3. Minutes of the DNRC EuCheMS 2016 Annual Meeting



Division of Nuclear and Radiochemistry

Heinz W. Gäggeler Prof. Dr. phil. nat. Dr. h.c.

Chairman ad interim, Division on Nuclear and Radiochemistry European Association for Chemical and Molecular Sciences Paul Scherrer Institut, 5232 Villigen, Switzerland

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PRESENCE LIST

of the Annual Meeting of the

DIVISION on NUCLEAR and RADIOCHEMISTRY

held on Tuesday 29th August 2017 at 12.10 hrs

at Ampere Room, Lindholmen Conference Centre, Gothenburg, Sweden

Nominated members	Name (Proxy)	Signature
Cyprus	Ioannis Paschalidis	apologies/received
Czech Republic	Jan John	1-10-2
Denmark	Xiaolin Hou	apologies received
Finland	Jukka Lehto	apologies received
France	Philippe Guilbaud (proxy)	CIA
Germany	Christoph Duellmann	apologies received
Greece	Panagiotis Misaelides	apologies received
Hungary	Noémi Nagy	apologies received
Israel	Israel Zilbermann	
Italy	Flavia Groppi	y. Rolli
The Netherlands	Bert Wolterbeek	apologies received
Norway	Jon Petter Omtvedt	2 Pett Ontres
Poland	Jerzy Narbutt	apologies received
Portugal	Isabel Santos	
Russia	Stepan N. Kalmykov	apologies received
Serbia	Divna Djokić	
Slovakia	Pavol Rajec	apologies received
Spain	C. Gascó Leonarte	apologies received
Sweden	Christian Ekberg	C
Switzerland	Andreas Türler	apologies received
Turkey	Turan Unak	
UK	David Read (proxy)	
Invited members		
Bulgaria	Rositza Mihailova Kamenova-	

Totzeva

Guests



Division of Nuclear and Radiochemistry

2017 Annual Meeting

Tuesday 29th August 2017 at 12.10 hrs Ampere Room, Lindholmen Conference Centre, Gothenburg, Sweden

AGENDA

- 1. Welcome, Approval of agenda
- 2. Society representation changes and updates
- Protocol of last meeting (29th August 2016, NRC9, Helsinki)
- 4. News from EuCheMS
 - a. News from the last General Assembly
 - b. EuCheMS Congresses
- 5. Financial statement
- 6. NRC EuroMaster update about the evaluation of NRC EuroMaster applications
- 7. The future of Nuclear and Radiochemistry do we need a Task Force to promote our field?
- 8. Compilation of DNRC member countries NRC status, including their representatives.
- 9. DNRC Newsletter 2017
- 10. Upcoming NRC related conferences and meetings
- 11. Date and place of the next Annual meeting
- 12. Miscellaneous

2. Society representation

	U I	
	Name	Country
	Nominated members	
1.	Ioannis Paschalidis	Cyprus
2.	Jan John (secretary & treasurer)	Czech Republic
3.	Xiaolin Hou	Denmark
4.	Jukka Lehto	Finland
5.	Philippe Moisy	France
6.	Christoph Düllmann	Germany
7.	Panagiotis Misaelides	Greece
8.	Noémi Nagy	Hungary
9.	Israel Zilbermann	Israel
10.	Flavia Groppi	Italy
11.	Bert Wolterbeek	The Netherlands
12.	Jon Petter Omtvedt (chairman)	Norway
13.	Jerzy Narbutt	Poland
14.	Isabel Santos	Portugal
15.	Stepan N. Kalmykov	Russia
16.	Divna Djokić	Serbia
17.	Pavol Rajec	Slovakia
18.	C. Gascó Leonarte	Spain
19.	Christian Ekberg	Sweden
20.	Andreas Türler	Switzerland
21.	Turan Unak	Turkey
22.	Nick Evans	UK
	Invited members	
23.	Rositza Mihailova Kamenova-Totzeva	Bulgaria
	Missing / to be recruited	
	(Thomas Cardinaels, SCK.CEN)	Belgium
	(Marko Štrok, IJS)	Slovenia
	(Alan Tkaczyk, U. Tartu)	Estonia

3. Minutes of the last meeting (RadChem 2014, Mariánské Lázně)

Tasks:

- New representatives to DNRC to be drafted from Belgium nad Estonia
 - Ongoing
- DNRC more actively involves in the organisation of European Chemistry Congresses (e.g. joint tracks / blocks with other EuCheMS divisions). ECC7 (Liverpool, 26-30th August 2018)?
 - Not achieved but "Following a general call, EuCheMS executive is preparing a new model for the "post-2018" ECCs with stronger role of the divisions".
- Evaluate the first two applications for the NRC EuroMaster Quality Label (University of Helsinki and the Czech Technical University in Prague) evaluators: Xiaolin Hou, Stepan Kalmykov, Christian Ekberg.
 - See item 6
- DNRC Newsletter 2016
 - On-line at http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/
- 2017 meeting preferably in connection with a well-attended conference

4. News from EuCheMS

Division chairs meeting

- Outcome of the EuCheMS strategic Task Group (TG) "Interactions between Divisions and EuCheMS Secretariat": Identified gaps 'Professional Networks-EuCheMS Secretariat-EuCheMS Executive level'
 - Smaller input of divisions to ECC6 than to ECC5 Divisions not happy with the scientific programme new structure under discussion, new regulations regarding the Satellite meetings. Will not influence the NCC7 Liverpool. What do we want the ECCs to be?!
 - New web well accepted, but only 50 % of the websites is acceptable or better
 - Contact points (other divisions) available from the secretariat
 - Conferences: no interested in EuCheMS help
 - Implementation:
 - More duties for the divisions **to be discussed**
 - Extended staff in the secretariat **no**
 - Share surplus from the conferences **mixed responses**, only small fraction says clear yes...
 - Increased membership fees
 - Fee for the logo ("badging fee") **clear no**
 - Conclusions: Useful results to be used to initiate internal discussions in order to improve the interactions between divisions and secretariat

4. News from EuCheMS - continued

Division chairs meeting - continued

- EuCheMS Secretariat updates:
 - Annual contributions to the EuCheMS Year Book
 - Each EuCheMS PN shall have a certain 'umbrella' function over national Divisions...
- New EuCheMS procedure P-009: Satellite activities and special symposia at the EuCheMS Chemistry Congress
 - Possible changes of structure of ECCs divisions more integrated
 - ECC shall improve also from geographical and gender balance point of view
- Financial update division budget lines included within EuCheMS account.

4. News from EuCheMS - continued

News from the last General Assembly

- Elections: Pilar Goya President Elect, Eckart Rühl Treasurer, two Ex. board members (2017-2020) Artur Silva and Christoph Coperet
- European Federation for Medicinal Chemistry (EFMC) accepted as a new supporting member
- Joint EuCheMS-ECTN activity "European Employability Survey for Chemists and Chemical Engineers 2017" results presented
- P-002: EuCheMS Lecture Award and P-010: EuCheMS Gold Award
- Two documents signed:
 - The MoU with the ACS
 - The Seville Declaration on The Use of Chlorine in Warfare

4. News from EuCheMS - continued

General News

- Call for candidates for "EuCheMS Supporting members" launched
- Bid for UNESCO to have 2019, the 150th Anniversary year of Mendeleev's Periodic Table designated the *International Year of the Periodic Table*
- Employment Survey
- New EuCheMS Award ,,the European Chemistry Gold Medal" for exceptional achievements in the field of chemistry in Europe nominations accepted
- The 7th EuCheMS Chemistry Congress, 26 30 August 2018, Liverpool, UK

ExCom plans for the future of conferences and finances

- Introducing a requirement for divisional conferences that, before anybody bids for a conference, it shall have the support of a Member Society. At minimum:
 - A Member Society handles the conference budget and signs a contract.
 - If the conference has a
 - surplus, 80% remains with a Member Society;
 - loss, EuCheMS covers 10% and EuCheMS Division may cover additional 10%.

5. Financial Statement

- 2016 incomes = 2017 incomes = 0
- As requested by the ExCom, 20 % share of any surplus of RadChem 2018 will be transferred to EuCheMS and shared between the ExCom and DNRC

6. NRC EuroMaster – evaluation of the first two NRC EuroMaster applications.

- The system finalised early in 2016 in interaction of DNRC and CINCH-II consortium.
- Common NRC curriculum criteria, additional "chemical" criteria for those who are not holders of the ECTN accredidation "Chemistry EuroMasterTM"
- Evaluation guidelines and criteria proposed by the CINCH-II consortium CINCH-II Deliverable D1.2 ,Evaluation criteria to obtain a NRC EuroMaster's status":
- Two applications for the NRC EuroMaster status received:
 - University of Helsinki (Chemistry EuroMaster holder)
 - Czech Technical University in Prague (not holder of the Chemistry EuroMaster)
- The Evaluation guidelines and criteria processed into Evaluation forms.
- A group of three DNRC members formed during the 2016 DNRC meeting to evaluate the applications. The members have been Christian Ekberg, Xiaolin Hou and Stepan Kalmykov.
- All three reviews received shortly before this meeting.

7. The future of Nuclear and Radiochemistry – do we need a Task Force to promote our field?

- Is there a willingness to participate in an effort to make NRC more visible, in particular to education?
- Linking this activity with the efforts of the NRC network and MEET CINCH?

8. Compilation of DNRC member countries NRC status, including their representative.

- Request for information met by one representative.
- Prepare a form with more direct questions?
- Include the result of this exercise in 2017 newsletter?

9. DNRC Newsletter 2017

- Due by / before the end of 2017.
- Items:
- Status of NRC in DNRC member countries
- What more? Volunteers?

10. NRC related conferences and meetings

DNRC web (http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/conferences/):

Divisional events

18th Radiochemical Conference (RadChem 2018)

13 - 19 May 2018

Marianske Lazne, Czech Republic

Website: http://www.radchem.cz/

10th International Conference on Nuclear and Radiochemistry (NRC-10)

2020

Manchester, UK

Website:

Other events

2018

13th International Symposium on the Synthesis and Applications of Isotopes and Isotopically Labelled Compounds

4 - 7 June 2018

Prague, Czech Republic

Website: http://iis-prague2018.cz/

MARC XI – Methods and Applications of Radioanalytical Chemistry

April 8 – 13, 2018 Kona, Hawaii, USA

Website: http://www.marcconference.org

10. NRC related conferences and meetings – continued

DNRC web (http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/conferences/):

2017

ISTR 2017 – The 9th International Symposium on Technetium and Rhenium: Science and Utilization

5 – 10 November 2017

Sydney, Australia

Website: http://www.ansto.gov.au/Events/ISTR9/

APSORC 17 – 6th Asia-Pacific Symposium on Radiochemistry

22 – 27 September 2017

Jeju, Korea

Website: http://apsorc17.org/

Migration 2017 – 15th International Conference on the Chemistry and Migration Behaviour of Actinides and Fission Products in the Geosphere

10 - 15 September 2017

Barcelona, Spain

Website: http://www.migration2017.org/

4th International Conference on Radioecology and Environmental Radioactivity (ICRER)

3 – 8 September 2017

Berlin, Germany

Website: http://www.icrer2017.com/

11. Date and place of the next Annual meeting

In connection to RadChem'2018 in Mariánské Lázně, Czech Republic – 13-19 May 2018, http://www.radchem.cz/?

13. Miscellaneous

DNRC Honorary Membership – J. John nominates A. Ware for his merits in founding DNRC and anchoring it firmly in the EuCheMS system.

("DNRC Honorary Membership" is designed to honour a person of outstanding merits and long-lasting valuable services for DNRC. Current DNRC Delegates, Observers and Guests are not eligible. Any Delegate can submit in writing a detailed proposal outlining the case for an award. The proposal will be distributed with the agenda of the next Annual Meeting, to be discussed and decided there. The DNRC Honorary Membership consists of a document which states the acknowledged merits and a right to attend the DNRC Annual Meetings in advisory role. The document will be handed over by the DNRC Chairperson at a suitable occasion, preferably in presence of a large audience of colleagues.)



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Minutes of the Annual Meeting of the

DIVISION on NUCLEAR and RADIOCHEMISTRY

held on Monday 29th August 2016 at 18.00 hrs at Marina Congress Centre, Katajanokanlaituri 6, 00160 Helsinki, Finland

Those present: Heinz W.Gäggeler (Switzerland, Chair ad interim), Jan John (Czech Republic), Xiaolin Hou (Denmark), Jukka Lehto (Finland), Christoph Düllmann (Germany), Flavia Groppi (proxy, Italy), Elisabeth Oehlke (proxy, The Netherlands), Jon Petter Omtvedt (Norway), Stepan Kalmykov (Russia), Teodora Retegan (proxy Sweden), Andreas Türler (Switzerland)

Apologies were received from: Ioannis Paschalidis (Cyprus), Philippe Moisy (France),
Panagiotis Misaelides (Greece), Noémi Nagy (Hungary), Jerzy Narbutt
(Poland), Isabel Santos (Portugal), Pavol Rajec (Slovakia), C. Gascó Leonarte
(Spain),.

Those not present: Rositza Mihailova Kamenova-Totzeva (Bulgaria), Israel Zilbermann (Israel), Divna Dĵokić (Serbia), Turan Unak (Turkey).

- 1. H. Gäggeler welcomed the participants, presented apologies from those who had reported unable to attend and asked those present to introduce themselves briefly.
- 2. The Group members honoured the memory of its deceased member for Italy, prof. Mauro Bonardi, by one minute of silence.
- 3. The Annual Meeting agreed to the Agenda as circulated.
- 4. The society representation was reviewed changes, welcome of new representatives.
- 5. The Minutes of the previous DNRC meeting at RadChem 2014, Mariánské Lázně (Czech Republic) on the 15th May 2014 were reviewed and approved. Most of the tasks were fulfilled. However, new representatives from Belgium and Estonia have not been found. The 2015 meeting did not take place due to the exceptional situation (as described below).
- 6. H. Gäggeler informed the participants about the exceptional situation in DNRC that occurred on the turn of 2015 and 2016 when the then chairman of the division, N. Evans (UK) resigned and H. Gäggeler, as the immediate past chairman, was called to act as the chairman *ad interim* in accordance with DNRC procedures.
- 7. J. John presented the news from EuCheMS as listed in Attachment 1. In the following discussion H. Gäggeler suggested that DNRC more actively involves in the organisation of European Chemistry Congresses. He proposed to organise joint tracks / blocks with other EuCheMS divisions. Now it is the right time to start the negotiations of such a program for the ECC7 (Liverpool, 26-30th August 2018).
- 8. The FP7 EU-project CINCH (headed by prof. Jan John, CTU) aimed to coordinate and enhance NRC education in Europe. The project's initiative to establish a NRC EuroMaster label for MSc-students directly involves DNRC as the division will evaluate and grant the right to use the label (see below). J. John informed the participants about the main results of the CINCH-II project as listed in the Attachment 1 and about the

- future plans of this Collaboration submission of the follow-up MEET-CINCH proposal with a new coordinator (Clemens Walther from IRS, Hannover).
- 9. J. John informed the participants about the status of NRC EuroMaster Quality Label as listed in Attachment 1. Two application are with the DNRC chairman for evaluation – from the University of Helsinki and the Czech Technical University in Prague. A group of three DNRC members was formed to evaluate the applications. The members are Xiaolin Hou, Stepan Kalmykov and Christian Ekberg.
- 10. DNRC Newsletter 2016 H. Gäggeler reviewed the situation: No issue after no. 51 has been written, and volunteered to compile the 2016 issue. In additions to his contributions (new elements, etc.), contributions were negotiated from J. Lehto (NRC9 conference) and J.P. Omtvedt (introduction of the new chairman, plans). Any other contributions are welcome. Deadline - November 2016.
- 11. Host country for NRC10. H. Gäggeler informed that only one proposal was received University of Manchester (UK). Melissa. Denecke presented the offer that has been accepted unanimously.
- 12. H.. Gäggeler informed that only one nomination was received for the new chairman of the division – prof. Jon Petter Omtvedt, University of Oslo, Norway. After the introduction of the candidate, J. John organised the elections by secret ballots. J.P. Omtvedt temporarily left the meeting for the duration of the discussion of the candidate and the vote. H. Gäggeler acted as the scrutineer. 10 ballots were distributed, 10 ballots were YES, 0 NO, 0 abstained. Unanimously, the new chairman of the DNRC is J.P. Omtvedt.
- 13. The participants discussed the revision of the "DNRC Procedures and Practices" as circulated prior to the meeting. In addition to the changes proposed prior to the meeting, the frequency of the DNRC Newsletter was decreased to once per year. The changes were unanimously approved, for the final version see the Attachment 2.
- 14. Date and place of the next Annual meeting call for proposals for the date and place of the 2017 DNRC meeting was issued – preferably in connection with a well-attended conference. Deadline for deciding on data and place is December 2016.

15. Miscellaneous

- a. Based on the proposal of the new chairman, J. John was approved as both the Secretary and the Treasurer.
- b. J.P. Omtvedt thanked H. Gäggeler for accepting the role of the chairman ad interim in the exceptional situation that happened in the DNRC.

Recorded by:

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DNRC Secretary

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Attachments:

- 1. Presentation Meeting NRC9
- 2. DNRC EuCheMS Procedures and Practices, update 2016
- 3. Presence list
- 4. Actual list of National representatives