

**Minutes of the Annual Meeting of the
DIVISION of NUCLEAR and RADIOCHEMISTRY
held on Thursday 12th December 2019 at 10:00 by Skype**

Those present: Jon Petter Omtvedt (Chair, Norway), Jan John (Secretary and Treasurer, Czech Republic), Thomas Cardinaels (Belgium), Nick Evans (UK), Flavia Groppi (Italy), Gareth T.W. Law (Finland), Noémi Nagy (Hungary), Fotini Noli (proxy for Panagiotis Misaelides, Greece), Ioannis Paschalidis (Cyprus), Pavol Rajec (Slovakia), Teodora Retegan (proxy for Christian Ekberg, Sweden), Marko Štrok (Slovenia).

Apologies were received from: Xiaolin Hou (Denmark), Philippe Moisy (France), Stepan Kalmykov (Russia), Andreas Türler (Switzerland), Clemens Walther (Germany).

Those not present: Divna Djokić (Serbia), C. Gascó Leonarte (Spain), Rositza Mihailova Kamenova-Totzeva (Bulgaria), Jerzy Narbutt (Poland), Isabel Santos (Portugal), Bert Wolterbeek, The Netherlands, Israel Zilbermann (Israel), 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.

The Annual Meeting agreed to the Agenda as circulated.

2. Society representation – changes and updates

New members / replacements: Prof. Thomas Cardinaels (Belgium), Prof. Gareth T. W. Law (Finland) – replacing Jukka Lehto

Isabel Santos – probably retired about a year ago. Try to confirm and seek replacement.

Continue attempts to replace the “silent” members (Israel, Portugal, Serbia, Turkey).

Continue attempts to recruit representative of Estonia, Alan Tkaczyk, U. Tartu, contacted as proposed earlier, but nomination was not received, yet.

3. Protocol of last meeting (29th August 2017, INCC, Gothenburg)

Minutes of the previous meeting (RadChem 2018, Mariánské Lázně) were distributed soon after the meeting by e-mail. All tasks were included to the agenda of this meeting and are addressed below.

The DNRC Honorary Membership Award was handed over at ERA 2018 by Jan John and Nick Evans.

Linking of the DNRC and NRC webpages will be finalised soon (one-way link only at this moment).

4. News from EuChemS and Financial Statement (J. John).

2019 EuChemS Highlights:

- EuChemS table of elements,
- Book “Women in their Element”,

- videogame Elemental-Escapades (<https://www.euchems.eu/elemental-escapades/>),
- EuChemS Policy Workshop in EU Parliament on PTE,
- opening of the International Year of PTE,
- Global Women's breakfast (Mucia, Spain),
- EYCN,
- Historical Landmarks Award – Ytterby mine and ABEA, Cyprus,
- EuChemS – ACS Memorandum of Understanding signed.

EuChemS Secretariat updates:

- 3 Policy workshops
- Responding to public consultations / co-designing Horizon Europe.
- Scientific conferences: 40 events recognized by EuChemS.
- Awards: 3 Calls opened – Lecture Award, Service Award, Historical Landmark Award. Plus European Chemistry Gold Medal Award and European Young Chemists' Award (new)
- Projects: 3rd Employment Survey in 2020. Joint activity with ACS.
- On-line Ethics course "Good Chemistry".
- IYPT.

Division chairs meeting

- Now, it is time to propose contributions for ECC Dublin 2022.
- One of many proposals: Run part of ECC in the usual way (one broad horizontal topic/theme) plus divisional topics/themes. Proposals – Analytical Sciences, Quality of chemistry teaching at the secondary schools, even a proposal comes surprisingly to NUCLEAR ENERGY as a broad topic.....
- EuChemS conference recognition – fill in a spreadsheet with key information
- ECC Lisbon 2020 – registration ongoing
- Discussion: Historical Landmarks Award

J. John proposed to consider Jáchymov / St Joachimsthal for this award – for its production of uranium and source of material for radium discovery. The proposal was strongly supported by Nick Evans for its general importance to the chemical and even the non-chemical community – medieval silver mining and production of St. Joachimsthallers that gave name to the dollars.

Voting: No against, no abstentions. – J. John will investigate how to submit a formal proposal.

- Discussion: Participation of DNRC in shaping the ECC Dublin programme
- After a discussion, it was agreed that J.P. Omtvedt will contact the chairpersons of the Divisions of Chemistry and Energy, and Chemistry and the Environment and see whether we can jointly propose some topic/theme – e.g. "Chemistry for the Future Energy".

In 2018 / 2019, DNRC had first transactions on its EuChemS account.

Income:

- Share of the surplus of RadChem 2018 (2.000 EUR)
- „Seed money“(3.000 EUR)

Expenditures: None

Balance: 5.000 EUR

The meeting approved the accounts and discussed financial plan for 2020.

5. NRC EuroMaster

No news or new applications.

It was agreed to promote the NRC EuroMaster through the NRC Network

6. Status of the European Network on Nuclear and Radiochemistry Education and Training (NRC Network)

The next General Assembly is foreseen for the NRC 10 conference in Brighton, date to be announced later.

7. Status of DNRC on Social Networks

DNRC Facebook Group was established and is mirrored to LinkedIn. This new media has been serving as a replacement for the earlier DNRC Newsletter. Currently (as of 19th December 2019), there are 77 followers to the DNRC page and 56 members of the associated group at Facebook.

Links:

- Facebook page: <https://www.facebook.com/DivNucRadChem>
- Facebook group: <https://www.facebook.com/groups/2250535871897787>
- LinkedIn group: <https://www.linkedin.com/groups/8730198>

Task: Everyone is urged to post any interesting news on courses, conferences, or other relevant materials so as to activate the group.

8. Change of the DNRC “Procedures and Practices” (P&P)

J.P. Omtvedt proposed to extend the period for the Chair from three to four year. The reason is that in this way elections will coincide with the NRC conference years and we can expect a better attended Annual Meeting. The proposed new wording of the § 3.1.5 of the P&P is „The Chair, who shall be a Delegate, is elected for **4** years and may be re-elected once for a second period. A third term is allowed on the basis of a special case specified in the Guidelines for Divisions.”

Voting: No against, no abstentions. – New wording approved unanimously.

9. Extension of the term of office of the current chairman

Proposal: Current Chair (J.P. Omtvedt) extends his term of office for one year to "fill the gap" formed by the approved change of P&P.

Voting: No against, no abstentions. – Extension approved unanimously.

10. Upcoming NRC related conferences and meetings.

Nick Evans provided an orientation about the status and plans of the forthcoming NRC 10 conference in Brighton, to take place on 23-28th August 2020 (<https://www.rsc.org/events/detail/38385/10th-international-conference-on-nuclear-and-radiochemistry-nrc10>). No problems identified at this stage.

A list of NRC related conferences and meetings is maintained at DNRC web (<http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/conferences/>). Everyone aware of additional conferences worth posting should send the basic facts to J. John whenever available – permanent task.

11. Date and place of the next Annual meeting.

The 2020 meeting will take place during the NRC'10 conference scheduled for Brighton on 24-28th August 2020. Exact date and time will be announced later.

12. Miscellaneous

- Nomination of new Honorary Member to be awarded at NRC'10: J.P. Omtvedt proposed to award the Honorary Member Award to Prof. Jukka Lehto based on his life-long contribution to NRC and to the Division.

Voting: No against, no abstentions. – Proposal approved unanimously.

- **Call for proposals for the host of the future NRC 11** (to take place in 2024) has been opened. The members are requested to submit their potential proposals so that the next host can be announced and NRC 10 in Brighton.
- Election of the Chair in 2019 – as of today, the Call for the nominations has been opened as foreseen by the § 3.1.6 of the P&P (“*3.1.6. Normally the call for nominations for the Chair is made at the Annual Meeting in the year before the election. A nomination should be made by a society confirming their moral and financial support of the chairmanship. A **nomination must be notified to the Secretary not later than three months before the Annual Meeting** at which the election takes place. The candidature will be announced with the invitation to the Annual Meeting.*”).

Recorded by:

Jan John

DNRC Secretary

E-mail:jan.john@fjfi.cvut.cz

Attachments:

1. DNRC EuCheMS 2019 Annual Meeting presentation

EuCheMS



European Chemical Sciences

Division of Nuclear and Radiochemistry

Annual Meeting 2019

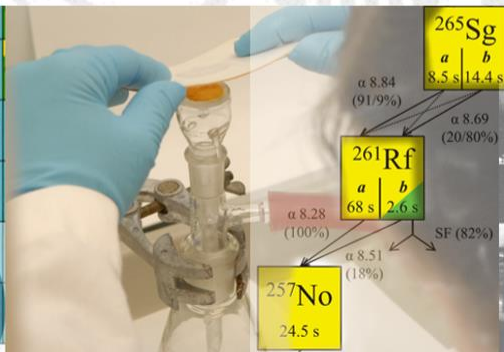
Skype - 12th December 2019



$$A = A_0 e^{-\lambda t}$$



Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Mn
4.4 d	235	236	237	238	239	240	241	242	243	244	245	246
3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a	3.9e5 a
U-233	U-234	U-235	U-236	U-237	U-238	U-239	U-240	U-241	U-242	U-243	U-244	U-245
1.59e5 a	2.45e5 a	7.04e8 a	2.34e5 a	4.5e9 a	4.46e9 a	2.34e5 a	3.4e5 a	3.8e5 a	3.8e5 a	3.8e5 a	3.8e5 a	3.8e5 a
Pa-233	Pa-234	Pa-235	Pa-236	Pa-237	Pa-238	Pa-239	Pa-240	Pa-241	Pa-242	Pa-243	Pa-244	Pa-245
13.7 d	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a	1.17e5 a
Th-232	Th-233	Th-234	Th-235	Th-236	Th-237	Th-238	Th-239	Th-240	Th-241	Th-242	Th-243	Th-244
1.405e10 a	22.3 m	24.1 d	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a
232	233	234	235	236	237	238	239	240	241	242	243	244
1.405e10 a	22.3 m	24.1 d	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a
232	233	234	235	236	237	238	239	240	241	242	243	244
1.405e10 a	22.3 m	24.1 d	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a	7.04e8 a



Agenda

- Welcome, Approval of agenda
- Society representation – changes and updates
- Protocol of last meeting
- News from EuChemS and Financial Statement.
- NRC EuroMaster – no news or new applications.
- Status of the European Network on Nuclear and Radiochemistry Education and Training (NRC Network)
- Status of DNRC on Social Networks (Facebook, etc.)
- Proposition: Extend the period for the Chair from three to four year.
 - In this way elections will coincide with the NRC conference years and we are guaranteed that there will be a reasonably well attended Annual Meeting.
- Proposition (assuming point 8. was approved): Current Chair (J.P. Omtvedt) prolongs his period with one year to "fill the gap".
 - In this way elections will coincide with the NRC conference years and we are guaranteed that there will be a reasonably well attended Annual Meeting.
- Upcoming NRC related conferences and meetings.
 - NRC'10 Conference in Brighton – Nick Evens will provide an orientation about status and plans.
 - A list of NRC related conferences and meetings is maintained at DNRC web (<http://www.euchems.eu/divisions/nuclear-and-radiochemistry-2/conferences/>). Everyone aware of additional conferences worth posting should send the basic facts to Jan John whenever available.
- Date and place of the next Annual meeting.
 - The 2020 meeting will take place during the NRC'10 conference scheduled for Brighton on 24-28 August 2020.
- Nomination of new Honorary Member(s) to be awarded at NRC'10.
- Miscellaneous

Agenda – Part 1

- Welcome, Approval of agenda
- Society representation – changes and updates

Members Attending

New members / replacements:

- Prof. Thomas Cardinaels
(Belgium)
- Prof. Gareth T. W. Law
(Finland)

Thomas Cardinaels	Belgium	Confirmed
Ioannis Paschalidis	Cyprus	Excused
Jan John	Czech Republic	Confirmed
Xiaolin Hou	Denmark	Excused
Gareth T. W. Law	Finland	Confirmed
Philippe Moisy	France	Excused
Clemens Walther	Germany	Excused
Panagiotis Misaelides	Greece	Noli Fotini
Noémi Nagy	Hungary	Confirmed
Israel Zilbermann	Israel	
Flavia Gropi	Italy	Confirmed
Bert Wolterbeek	The Netherlands	
Jon Petter Omtvedt	Norway	Confirmed
Jerzy Narbutt	Poland	
Isabel Santos	Portugal	
Stepan N. Kalmykov	Russia	Tentative
Divna Djokić	Serbia	
Pavol Rajec	Slovakia	Tentative
C. Gascó Leonarte	Spain	
Christian Ekberg	Sweden	Teodora R. Vollmer
Andreas Türler	Switzerland	Excused
Turan Unak	Turkey	
Nick Evans	UK	Confirmed
Marko Štrok	Slovenia	Tentative

Members Attending

Message from Fotini Noli:

I have recently been informed about the DNRC Annual Meeting on the 12th December 2019 from Prof. Misailidis. I'll try to attend the meeting from 10:00 till 11:00 AM because Prof. Misailidis will not be available tomorrow. After his retirement I am responsible for the radiochemical laboratory of the Aristotle University of Thessaloniki.

I had sent the application form for my participation to Professor Jukka Lehto but after the email of Teija Koivula on 25/6/2018 I didn't get any further information.

Thomas Cardinaels	Belgium	Confirmed
Ioannis Paschalidis	Cyprus	Excused
Jan John	Czech Republic	Confirmed
Xiaolin Hou	Denmark	Excused
Gareth T. W. Law	Finland	Confirmed
Philippe Moisy	France	Excused
Clemens Walther	Germany	Excused
Panagiotis Misaelides	Greece	Noli Fotini
Noémi Nagy	Hungary	Confirmed
Israel Zilbermann	Israel	
Flavia Groppi	Italy	Confirmed
Bert Wolterbeek	The Netherlands	
Jon Petter Omtvedt	Norway	Confirmed
Jerzy Narbutt	Poland	
Isabel Santos	Portugal	
Stepan N. Kalmykov	Russia	Tentative
Divna Djokić	Serbia	
Pavol Rajec	Slovakia	Tentative
C. Gascó Leonarte	Spain	
Christian Ekberg	Sweden	Teodora R. Vollmer
Andreas Türler	Switzerland	Excused
Turan Unak	Turkey	
Nick Evans	UK	Confirmed
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Agenda – Part 2

- Protocol of last meeting
- News from EuChemS and Financial Statement (Jan John)

Agenda – Part 2

- Protocol of last meeting - tasks

Society representation:

- Continue attempts to replace the „silen“ members (Serbia, Israel, Turkey, Portugal)
- Try to formalise the approved new countries and representatives (Belgium - Thomas Cardinaels, SCK.CEN, Slovenia - Marko Štok, IJS, Estonia - Alan Tkaczyk, U. Tartu)

NRC network:

- NRC network and DNRC EuChemS and clearly specify the aims

DNRC Newsletter

- Stop the Newsletter and set up something on social media (Facebook or Twitter)

Agenda – Part 2

- Protocol of last meeting
- News from EuChemS and Financial Statement (Jan John)

Agenda – Part 3

- NRC EuroMaster – no news or new applications
- Status of the European Network on Nuclear and Radiochemistry Education and Training (NRC Network)
- Status of DNRC on Social Networks (Facebook, etc.)

DNRC on Social Networks

The image displays two overlapping screenshots of social media group pages. The background is a Facebook page for the 'Division of Nuclear and Radiochemistry Facebook Group'. The foreground is a LinkedIn page for the 'EuChemS Division of Nuclear and Radiochemistry' group.

Facebook Page (Background):

- Header: 'Division of Nuclear and Radiochemistry Facebook Group' with a search bar and navigation links (Jon, Home, Find Friends, Create).
- Group Name: 'Division of Nuclear and Radiochemistry Facebook Group' (Public group).
- Logo: A stylized radiation symbol with the text 'EuChemS Chemical Society'.
- Text: 'Part of EuChemS Chemical Society'.
- Buttons: 'Share', 'More'.
- Group By: 'Division of Nuclear and Radiochemistry' (74 people like this).
- Invite Members: A search bar to enter names.
- Members: A list of 52 members with profile pictures.
- Suggested Members: A list of suggested members with profile pictures and names (Gavin Ireland, Jennifer Jensen, Jack Farnison).

LinkedIn Page (Foreground):

- Header: 'EuChemS Division of Nuclear and Radiochemistry' (38 members).
- Owner: Jon Petter Omtvedt.
- Buttons: 'Manage membership', 'Edit group details'.
- Recent: A list of recent posts and groups.
- Groups: A list of groups including 'EuChemS Division of Nuclear...', 'Radiation Protection and Dos...', and 'Radiochemistry and Nuclear...'. A 'Show more' link is present.
- Events: A section for events, including 'Targeted Alpha Therapy Group'.
- Followed Hashtags: A section for followed hashtags.
- Post: A post by Emma Aneheim, 1st, titled 'We are right now hiring a PhD Student in Radiochemistry for Targeted Alpha Therapy so please spread the word if you know of any interested students (last day for applying is on November 18th)'. The post includes a logo for 'GÖTEBORGS' and a link to 'tat.gu.se'.
- About this group: A description of the group, stating it is part of the European Chemical Society and presents upcoming events and news about nuclear.
- Group admin: A list of group administrators, including Jon Petter Omtvedt.
- Promoted: A section for promoted content, including 'MBA Leadership Management'.

DNRC on Social Networks

Facebook interface showing the **Division of Nuclear and Radiochemistry Facebook Group**.

Facebook group for the Division of Nuclear and Radiochemistry

Part of **EuChemS** European Chemical Society

Interacting as Division of Nuclear...

About

Discussion

Members

Videos

Photos

Files

Group insights

Watch party

Moderate group

Group quality

Search this group

Shortcuts

- KJM5903-FB
- Division of Nuclear and ...

2 people want to join this group

NEW ACTIVITY

Nick Evans shared a link. 20 hrs

Website for NRC10 is at:
<https://www.rsc.org/events/detail/38385/10th-international-conference-on-nuclear-and-radiochemistry-nrc10>

GROUP BY Division of Nuclear and Radioch... 74 people like this

INVITE MEMBERS

+ Enter the name of a person or Page...


MEMBERS 52 members

SUGGESTED MEMBERS

- Gavin Ireland
- Jennifer Jensen
- Jack Ferguson

Invite Member

DNRC on Social Networks



Home

My Network

Jobs

Messaging ²


Notifications ¹¹

Me

Work

Try Premium Free for 1 Month

MBA Leadership Management - Online MBA in 1 Year, from York St John University. Get more information! Ad ...

**Jon Petter Omtvedt** Owner


Pending posts0

Requests to join3


Manage membership

Edit group details

Recent

 EuChemS Division of Nuclear...


nuclearchemistry


 Radiation Protection and Dos...


Radiochemistry and Nuclear ...

radiochemistry

Groups

 EuChemS Division of Nuclear...


 Radiation Protection and Dos...

 Radiochemistry and Nuclear ...

Show more


Events


Followed Hashtags


**EuChemS Division of Nuclear and Radiochemistry**

Listed group

Start a conversation in this group









All

Recommended






**Emma Aneheim** • 1st
Researcher in Radiochemistry - Founder of Alpha Therapy Solutions AB
1mo • Edited

We are right now hiring a PhD Student in Radiochemistry for Targeted Alpha Therapy so please spread the word if you know of any interested students (last day for applying is on November 18th) ...see more

**Targeted Alpha Therapy Group**
tat.gu.se • 1 min read

38 members

See all



+33


Invite members

About this group

Welcome to the Division of Nuclear and Radiochemistry's LinkedIn Group. We are part of the European Chemical Society with nominated representatives from the national chemical societies. On the pages for this group we will present upcoming events and news about nuclear

Show more


Group admin

**Jon Petter Omtvedt**

You Owner

Prof. in Nuclear Chemistry at Univ. of Oslo, Chair of Div. of Nuclear and Radiochemistry at European Chemical Society

Promoted

**MBA Leadership Management**

Online MBA in 1 Year, from York St John University. Get more information!

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- Miscellaneous

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Tasks:

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- Continue attempts to replace the „silen“ members (Serbia, Israel, Turkey, Portugal)
- Try to formalise the approved new countries and representatives (Belgium - Thomas Cardinaels, SCK.CEN, Slovenia - Marko Štok, IJS, Estonia - Alan Tkaczyk, U. Tartu)

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News from EuCheMS

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- Global Women’s breakfast (Mucia, Spain),
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- Historical Landmarks Award – Ytterby mine and ABEA, Cyprus (Consider Jáchymov for this award ? - Production of uranium and source of material for radium discovery...),
- EuChemS – ACS Memorandum of Understanding signed.....

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News from EuCheMS – 2

Secretariat updates:

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- *Q: Shouldn't we contact Chemistry for Energy and Chemistry for Environment divisions and see whether we can jointly propose some topic/theme – e.g. "Chemistry for the Future Energy"*
- EuCheMS conference recognition – fill in a spreadsheet with key information
- ECC Lisbon 2020 – registration ongoing

Financial Statement

2018 incomes = 5.000 EUR

- Share of the surplus of RadChem 2018 (2.000 EUR)
- „Seed money“(3.000 EUR)