

EUROPEAN FEDERATION OF CHEMICAL ENGINEERING
Working Party on Crystallization

Secretariat:

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MINUTES

of the 41st Annual Meeting of the Working Party on Crystallization (WPC) held on March 22nd, 2007 at the University College Belfield in Dublin, Ireland

Present delegates:

B. Biscans	France
P. Carvin	France
A. Chianese	Italy
P. J. Daudey	The Netherlands
B. Glennon	Ireland
J. Gómes-Morales	Spain
P. J. Jansens	The Netherlands
F. Paroli	Italy
R. Spruijtenburg	Switzerland
J. Ulrich	Germany

Apologised and absent delegates:

P. Barrett (apologized)	Ireland
Z. Bubník	Czech Republic
M.J. Hounslow (apolog.)	United Kingdom
E. Korin	Israel
P. G. Koutsoukos	Greece
B. Lakatos (apologized)	Hungary
M. Mazzotti (apologized)	Switzerland
I. V. Melikhov	Russia
S. K. Myasnikov	Russia
Å. Rasmuson (apolog.)	Sweden
P. Synowiec	Poland
H.P. Wirges	Germany

Present permanent guests:

L. Lafferrère	France
M. Rauls	Germany

Apologised and absent permanent guests:

A.N. Bulutçu	Turkey
R. Geertman	The Netherlands
M. Giulietti	Brazil
R. Guardani	Brazil
K.-J. Kim	Korea

The WPC-meeting was hosted by Brian Glennon. J. Ulrich, the WPC Chairman, opened the meeting and welcomed all present.

1. The Minutes of the last meeting of the Working Party, held on April 6th 2006 at the Laboratoire de Génie Chimique in Toulouse, France, were approved.

2. Announcements of the Chairman.

J. Ulrich reported on the General Assembly of the EFCE Working-Party Chairmen which had taken place in Frankfurt, 03.04.2006.

- Dr. Hermann J. Feise has been appointed Scientific Vice-President of the EFCE for a two-period term as of January 1st, 2008.
- The Minutes of the Chairmen's Meeting April 3, 2006, were circulated.
- The official EFCE journals were communicated:
 - Chemical Engineering Research and Design
 - Process Safety and Environmental protection
 - Food and Bioproducts Processing
 - Education for Chemical Engineers

3. Vice-chair and candidates for future WPC Chairman and Secretary

By a formal letter the EFCE has approved the position of a vice-chairman to the WPC and specifically that Béatrice Biscans take this position, as proposed by the Chairman, Joachim Ulrich. The delegates present voted unanimously for Béatrice Biscans as vice-chair to the WPC.

The 2nd and last term of the present Chairman and Secretary comes to an end in September 2008. Joachim Ulrich proposed Béatrice Biscans as a candidate for being the next WPC Chair, which was strongly supported by Peter Jansens and Angelo Chianese. Béatrice is member of the WPC since 1995. As no further candidates were proposed, a formal vote will be taken by the delegates during the next WPC-meeting in Maastricht, September 2008.

Peter Daudey proposed Mark Roelands (TNO, Netherlands) as a possible candidate for being the next Secretary. However, according to the statutes, the secretary has to be an official delegate to the WPC, which would then require the replacement of one of the two present Dutch delegates. Béatrice Biscans will also come up with a suggestion for the Secretary position.

4. WPC-memberships

- Dr. Jaime Gómez-Morales has been officially nominated as a Spanish delegate to the WPC by the Spanish national organization.
- H.P. Wirges has taken early retirement from his company. Joachim Ulrich proposed Dr. Matthias Rauls (BASF AG) as the new German industrial delegate. This proposition was unanimously accepted by the delegates present.
- Sean Bermingham has still not been officially nominated as the new industrial delegate by the British national organization. However, this issue was on the agenda of a recent EFCE-meeting in Frankfurt and notification on the decision will follow soon.
- Paul Barrett, the present Irish industrial delegate, is now based in the U.S. Brian Glennon will come up with a proposal for a new industrial delegate.
- Joachim Ulrich is prepared to remain as the German academic delegate during a transition period as long as needed. The GVC will decide on the future academic delegate during its Annual meeting in Nürnberg on March 29th.
- Robert Spruijtenburg, who is member of the WPC since 1987, has decided to resign from his position as Swiss industrial delegate at the end of his term as Secretary to the Chairman in September 2008. He will hand over to Manfred Stepanski (Sulzer Chemtech), who has been active in the field of melt crystallization since many years and is well known to the WPC-members.
- An increasing concern is the chronic absence of the delegates from Eastern Europe, which may be

mainly due to severe budget constraints. Joachim Ulrich proposed to use money left over from ISIC16 to cover some of the travel expenses of delegates from Eastern Europe for the next WPC-meeting and to raise funds at ISIC17 with this aim for future meetings.

The following Permanent Guests have been officially confirmed by the EFCE:

- A.N. Bulutçu (TR)
- Rob Geertman (NL)
- Laurent Lafferrère (F)
- Matthias Rauls (D), who has been proposed to be the new German industrial delegate at the present meeting.

5. European Projects in Crystallization.

Nothing to report. Crystallization is no longer a keyword. Today's slogans are Nanoparticles, Process Intensification and Sustainable Development.

6. Further activities of the Working Party

- Angelo Chianese reported on the progress regarding the proposed Handbook to be published under the auspices of the WPC: "Monitoring and Control of Industrial Crystallization Processes". The 1st deadline for the contributions, March 2007, will have to be extended to July 2007. The deadline for sending the draft of the book to the editor will have to be postponed from December 2007 to spring 2008. The target still is to have the handbook published for ISIC17 in September 2008.

7. WWW-homepage of the WPC

The background of the WPC-members with a link to their organization shall be added to the homepage. The delegates are herewith requested to send a short summary about their background and main areas of research to the Secretary.

The Secretary informed that the maintenance of the WPC-homepage, hosted by DSM Nutritional Products, is getting more and more difficult due to heavy work-load. Apparently Dechema offers this kind of service, which might have to be considered. (This is up to the new chairperson.)

8. 17th International Symposium on Industrial Crystallization (ISIC 17), September 14-17, 2008

- ISIC prize. The conditions by the EFCE are the following:
 - The winner receives EUR 1500 in cash from the EFCE
 - EFCE also refunds his/her travel expenses up to EUR 500
 - ISIC has to bear his/her accommodation costs and the conference fee.

The call for nominations and the regulations are in the 1st circular of the conference. The Scientific Committee or part of it will make suggestions for the prize winner nomination.

- Peter Jansens reported on the progress of the organization. All plans are fixed, the conference location (MECC in Maastricht) has been booked, hotels have been prebooked, contracts have been signed and the budget has been finalized. The location for the conference dinner has also been booked.
- There will be 3 fee levels (excl. VAT): EUR 375 (students), EUR 750 (senior academics), EUR 1000 (industry)
- Accommodation costs are EUR 80-150 per night, excl. breakfast and VAT
- The next concern is to get sponsorships.
- The draft for the Call for papers was presented and discussed. Cooperation with AIChE must be included.
- Possible Key-note speakers were discussed. The criteria sine qua non are: be an experienced good speaker, have recognized background in the field, be committed to give an invited lecture. The following candidates will be approached by Joachim Ulrich:
 1. Design, scale-up and control of crystallization processes: Wei (CN)

2. Intensified processes and equipment: Enrico Drioli (I)
3. Production of crystalline nano/micro-particles: Marco Mazzotti (CH)
4. Crystallization in complex media: Béatrice Biscans (F)
5. Crystallization for sustainability: R. Rousseau (USA)
6. Product design and characterization: Rob Geertman (NL)
7. Advances in computational techniques: Erk (BASF, D)
8. Thermodynamic aspects: E. Vlieg (NL)
9. Nucleation and crystal growth of large molecules: M. Garcia-Ruiz (E)

The next meetings of the Scientific Committee will be held between November 5-16 and in spring 2008.

9. Any other business

ISIC18 in 2011: during ISIC16 in Dresden Poland and Turkey declared interest to be the organizer, in addition to the already existing proposal by Marco Mazzotti to host ISIC18 in Zurich. Marco has been active since and has reserved an auditorium and poster space at the ETH, and is still interested to be the organizer. So far the other candidates have not manifested their interest anymore, so that Zurich is the only option at this moment. As it is a very good option with respect to venue and accessibility, Zurich is the preferred option, which will be proposed at the next WPC-meeting in Maastricht for the delegates to vote for.

However, Eastern Europe including Turkey shall be actively promoted to be the organizer of ISIC19 in 2014.

10. Next meeting of the Working Party on Crystallization.

The next Annual Meeting will be held in Maastricht during ISIC17 in September 2008, and will be organized by Peter Jansens. The precise date will be communicated later.

All present delegates thank for the hospitality and the smooth organization by Brian Glennon.

Sisseln, April 18th, 2007

[Minutes prepared by R. Spruijtenburg, reviewed by J. Ulrich].