

**MINUTES OF THE WP PROCESS INTENSIFICATION BUSINESS MEETING
MANCHESTER, 22 JUNE 2011**

Delegates present: Ilkka Turunen (IT, Academia, Finland), Tommy Norén (TN, Industry, Sweden), Andrzej Stankiewicz (AS, Academia, the Netherlands), Georgios Stefanidis (GS, Academia, Greece), Bora Aydin (BA, Industry, Turkey), Jan Harmsen (JH, Industry, the Netherlands), Bruno De Witte (BDW, Industry, Belgium), Hans Schnitzer (HS, Academia, Austria), Menka Petkovska (MK, Academia, Serbia), Xiong-Wei Ni (XN, Academia, UK), Michel Cabassud (MC, Academia, France), Mark Dickson (MD, Industry, UK), Tom Van Gerven (TVG, Academia, Belgium).

Invited guests: Andy Furlong (AF, IChemE, UK), Sibylle Brauneg (SB, TUGraz, Austria).

Agenda

1. Opening/amendments to the agenda
The evaluation of EPIC2011 will be discussed before the discussion on EPIC2013.
2. Introduction of new Delegates and Guest Members, update of the list of Members
 - *Georgios Stefanidis* is the new academic delegate for Greece. Dr. Stefanidis is currently assistant professor in the group of Andrzej Stankiewicz (TUDelft).
 - *Felix Garcia-Ochoa* resigns as academic delegate for Spain as he left the university. **TVG will inform EFCE to request for a new academic delegate from Spain.**
 - *Carlos Pena Diez* (Repsol, colleague of Domingo Rodriguez, the industrial delegate from Spain) is requesting to become guest (industrial) member for Spain. Already for a while now Mr. Pena Diez has often been replacing Mr. Rodriguez during meetings or e-mail interactions. **The WP approves Mr. Pena Diez to become guest member.**
 - *Bora Aydin* moved from TUDelft to Technip.
 - The Russian delegates remain very silent members. **IT will once again discuss with Ines Honndorf (DECHEMA) how to proceed.**
 - Still not all European countries are represented by an academic or industrial delegate in the WP. **Current delegates are requested to suggest additional members to IT or TVG. EFCE will be asked to inform the national federations that positions are vacant. Also the EFCE Executive Board members will be asked to suggest potential members.**

The updated list of members can be found in appendix.

3. Minutes of the previous Business Meeting in Prague (30-08-2010)
IT mentions the fact that the proposed satellite conference to EPIC2011 on the education of PI was cancelled due to the fact that there were not enough volunteers to speak. IT will launch a second call for the next EPIC.

The minutes are approved.

4. Report on the WP activities
 - The WP Activity Report 2009/2010 was recently submitted to EFCE and can be found in appendix.
 - Information on the PI theme in ECCE2011 (Berlin) to date: with 3 tandem lectures, 41 other oral presentations and 34 posters, the PI theme is the 2nd largest theme in the conference.

5. Evaluation of EPIC2011

AF mentions that there are 119 paying participants of which 37 from the UK, 29 from the Netherlands, 19 from France and a smaller number from many other countries.

There is some debate on the scientific program. Some comments made:

- The pool of countries that present at this conference is small; UK and the Netherlands are overrepresented. This might have to do with the fact that the PI term is not used everywhere, e.g. in the Nordic countries;
- There is also a clear difference in understanding which technologies are considered to be PI;
- There is a risk of becoming a small conference with always the same people, whereas PI should reach out to involve many different backgrounds.

Some suggestions were made:

- EFCE should provide guidelines for safeguarding the scientific quality of the conference;
- The WP should be much more involved in the organisation of the conference (part of the Scientific Committee, active in the selection of presentations/posters, etc.);
- Should EPIC be synchronized with an Asian/USA counterpart conference (e.g. ISCRE)?
- Some delegates would like to see more scientific papers, others want to see more industrial papers, it is clear that both sides should be present.

The following decisions are made:

- **The WP will be part of the Scientific Committee of the next EPIC2013 and will be involved in paper/poster selection;**
- **There needs to be a balance between scientific and industrial papers;**
- **AF will raise the issue of EFCE guidelines in the EFCE Board.**

6. EPIC2013 and beyond

There are three candidates: Graz, Izmir and The Hague (in conjunction with ECCE9). All bids were well received, but with the organisation of ECCE9 and WCCE9 in the same year and period, raising attention for EPIC2013 will be difficult.

From the three bids and excluding the bid presenters, the WP voted unanimously for The Hague. **EPIC2013 will be organised from 22nd to 24th of April 2013 in The Hague (the Netherlands), in conjunction with ECCE9.** The presentation of The Hague can be found in appendix.

AS, BA and TVG will be primary contact people for JH with respect to the organisation of EPIC2013.

The decision on the future of EPIC after 2013 (will it remain a stand-alone conference, should we go for connections with USA/Asia, etc.) will be taken in the WP Business Meeting of 2012.

7. Mission, aims and future activities of the WP

IT has made a proposal for an updated mission statement. After some modifications, the text is adopted and can be found in attach.

In particular the program activities have been updated and the following was decided:

- **The preparation of a critical assessment and status report of PI technologies (5th activity bullet in the mission statement) will be discussed in the next WP Business Meeting;**
- **In EPIC2013 a workshop on Education of PI will be organized. TVG will mail JH to put this in the action list of the EPIC organization;**
- **An industry-oriented short introductory course in PI will be organized. EFCE can provide money for this type of activities. A proposal will be put forward by IT and discussed during the WP Business Meeting in 2012;**
- **TVG will remind the industrial delegates more frequently to send in PI news for the website and EFCE newsletter.**

8. WP PI Award 2011 and Poster Competition in ECCE8 (Berlin)

Dr. Patrick W.A.M. Wenmakers is the winner of the EFCE Excellence Award in Process Intensification 2011 with his PhD thesis on "Hairy foam: carbon nanofibers on solid foam as catalyst support - Synthesis, mass transfer, and reactor modelling" completed at the Eindhoven University of Technology under the supervision of Prof. dr.ir. Jaap C. Schouten, Department of Chemical Engineering and Chemistry, TU/e, the Netherlands.

The presentation can be downloaded from the EFCE website.

For the Best Poster Competition during ECCE8, **AS will take part in the jury** as representative of the WP (competition is organized together with WPs on Chemical Reactio Engineering and Multiphase Fluid Flow).

9. Website

The website has been upgraded partly. Ines Honndorf (DECHEMA) is highly efficient in adapting the website along our wishes. The WP proposes that TVG directly contacts Ines when changes are needed in the website. JK is thanked for his work in the previous years.

Next adaptations:

- Industry delegates are requested to send industrial success stories on PI to TVG;
- Some delegates have not yet sent in their photographs. TVG will remind them;
- Presentation of Patrick Wenmakers will be put on-line;
- All documents pertaining to this Business Meeting will be put on-line.

10. Any other business

Delegates having suggestions for topics in EPIC2013 should contact TVG. Biomass and biotechnology were already suggested.

HS announces that PI is a topic in the International Energy Agency. If interested, please contact HS.

Upcoming events:

- ECCE8 in Berlin, 25-29/09/2011
- CHISA2012 in Prague, 25-29/08/2012
- ISCRE2012 in Maastricht, 2-5/09/2012

11. Date and place of the next business meeting

Next meeting will be organized at AICHEM: June 18-22, 2012 in Frankfurt-am-Main, Germany. Exact time and location will be communicated later.

Tom Van Gerven, Secretary, 26-07-2011.

Attachments:

1. List of members
2. WP Activity Report 2009/2010
3. Presentation of The Hague bid for EPIC2013
4. Mission Statement of the WP on PI