

**Minutes from the IFAC TC 6.1 Annual Meeting**  
**@ DYCOPS-CAB 2016 Symposium, Trondheim, Norway**  
**June 7, 2016, 5:30-6:20 pm**

Participants:

Jay H. Lee (Korea), TC 6.1 Chair  
Dominique Bonvin (Switzerland) TC 6.1 Vice Chair  
Richard Braatz (USA) TC 6.1 Vice Chair – joined via web  
Eric Bullinger (Germany)  
Ali Abbas (Australia)  
Jesus Alvarez (Mexico)  
Leif Anderson (Norway)  
Lidia Auret (South Africa)  
Roberto Baratti (Italy)  
Margret Bauer (South Africa)  
Hector Budman (Canada)  
Moncef Chioua (Germany)  
Cesar de Prada (Spain)  
Denis Dochain (Belgium)  
Marcelo Farenzena (Brazil)  
Martha Grover (USA)  
Juergen Hahn (USA) – joined via Web  
Jakob K. Huusom (Denmark)  
Elling W. Jacobsen (Sweden)  
Johannes Jaschke (Norway)  
Nitin Kaistha (India)  
Manabu Kano (Japan)  
Jong Min Lee (Korea)  
Manfred Morari (Switzerland)  
Celso J. Munaro (Brazil)  
Laurentz Olivier (South Africa)  
Leyla Ozkon (Netherlands)  
Gabriele Panocchia (Italy)  
Michel Perrier (Canada)  
Joe Qin (China)  
Luis Ricardez-Sandoval (Canada)

Yuri Shardt (Germany)  
Sigurd Skogestad (Norway)  
Ilse Smets (Germany)  
Andrei Torgashov (Russia)  
David Hill Wong (Taiwan)  
Hong Yue (UK)  
Michael Zachar (USA)

### **Welcome, minutes, agenda**

The meeting started by introducing the chair and one of the vice chairs, Dominique Bonvin. Richard Braatz and Juergen Hahn also joined the meeting via web. The minutes of the last meeting during the ADCHEM Symposium in Whistler, Canada, June 10, 2015 was briefly mentioned (previously distributed to the members through email and posted on the webpage) and was accepted.

### **Review of DYCOPS-CAB 2016 program**

IPC Chair, Hector Budman, reviewed the 2016 DYCOPS-CAB meeting and shared some statistics. Model-based control was the most popular topic according to the number of submissions. A new format tried in this symposium was a 3-minute oral presentation for each poster presenter. Seven invited sessions were organized, which is higher than in the previous meeting. The invited sessions were generally well-organized with high quality papers. The IPC encourages to continue the 3-min presentation sessions and active organization of invited sessions in the future symposia. The IPC co-chair, Ilse Smets, mentioned that this is the first fully integrated meeting of DYCOPS and CAB. It was good that a full bio track was available throughout the symposium. Overall number of attendants is similar to the previous DYCOPS meetings which had one day overlap with CAB.

### **Upcoming and Future Meetings**

#### IFAC WC 2017 (Toulouse, France)

J. H. Lee, P. Daoutidis, A. Mesbah, and B. Huang will serve as the associate editors. In the case that more than four AEs are needed (due to an unusually high number of submissions), two additional AEs have been reserved: J. M. Lee and G. Pannocchia. There was a brief report from the IPC Chair, Denis Dochain that previous invited sessions had an issue with highly heterogeneous number of submissions, e.g., some sessions with only two or three papers. In order to attract more contributions to invited sessions, the Congress will this time offer open invited tracks where the submission is open to anybody without any a priori set limit on the number of papers. Deadline for open invited session proposals is September 17, 2016. Organizers are encouraged to let the TC chair know ahead of time about sessions being organized. Topics for the open invited tracks will be chosen on a first-come, first-served basis.

### ADCHEM 2018 (Shenyang, China)

The NOC Chair, J. Qin, announced that the dates are set for ADCHEM 2018: July 25-27, 2018. The symposium will be followed by the Chinese Process Control Conference (CPCC) on July 28-29. The number of participants expected for the ADCHEM meeting is 400 (and 800 for CPCC). Given the larger number of expected participants, the IPC plans to accommodate more papers in the poster session. NOC is currently negotiating with two hotels for the conference venue, Sofitel and Wanxin hotel.

### DYCOPS-CAB 2019 (Florianopolis, Brazil)

The symposium is scheduled to go to Americas according to the rotation put in place. TC solicited proposals from several countries including Argentina and Chile. One proposal from Brazil has been submitted. During this meeting, Ali Abbas also proposed to host an IFAC symposium in Australia, and the chair recommended Australia be considered for 2021 ADCHEM, which is scheduled to go to Europe according to the rotation but may go to Australia as an exception this time as IFAC WC 2020 will be held in **Berlin**. **This** issue should be sorted out by the next TC chair. Australia is encouraged to prepare a proposal to be presented at next WC in Toulouse.

Marcelo Farenzena at Federal University of Santa Catarina (UFGRS) presented a proposal to host the meeting in Florianopolis on behalf of the proposed NOC (Chair: Julio E. Normey Rico, UFSC). Florianopolis is an island located in southern part of Brazil. He showed that NOC members have the past experiences of hosting IFAC Oilfield 2015 and ADCHEM 2006. The proposal for the venue was put on vote and was approved on a tentative basis. The organizers proposed the dates of April 21-24, 2019 for the symposium considering the weather and expense. Bjarne Foss also shared his experience of his visit to the island and supported the idea of having the symposium in April. However, there was also a concern that many people will be in the middle of semester and may not be able to make it to the symposium. Early or mid-May was discussed as an alternative and the timing issue will be sorted out later.

### **New TC Chair**

J. H. Lee will finish his term at the next IFAC WC meeting. TC 6.1 members are welcome to nominate candidates for new TC chair to J. H. Lee via email. Self-nominations are also welcome. The chair will check with each nominee about his or her availability and make a short-list for a vote.

### **Working groups updates**

Systems Biology—Elling Jacobsen suggested to have Rolf Findeisen as a new chair to replace him. J. H. Lee will talk to Rolf. He also suggested the possibility of phasing out this working group to make room for new ones.

Energy – Hector Budman mentioned they had a good number of papers in the invited session in this symposium and will continue to organize special invited sessions in the upcoming meetings.

CO2 Management – Luis Ricardez-Sandoval and Jay H. Lee organized a special session for the symposium and it had five papers. It received positive feedbacks. Luis and Jay will continue to organize sessions on related topics for the upcoming meetings.

Big Data Analytics – With exploding interest in the field, the chair asked Joe Qin to form and lead the “Big Data Analytics” working group for the TC. He mentioned that a special issue of JPC is being organized on the topic. He also thinks that this is a good topic for the open invited track in IFAC WC 2017. Outside IFAC, AIChE annual meeting and coming CPC meeting early January next year will also have special sessions on big data.

#### **AOB**

FOSBE 2016 (Magdeburg, Germany. October 9-12, 2016) is now organized by IFAC. More than 70 papers have been submitted. Since some of the researchers in biology do not want to publish in conference proceedings, the meeting also gives the option of submitting just an abstract, which will appear in the preprint but not in the conference proceedings.

Trondheim, Norway, June 07, 2016

prepared by Jay H. Lee