

IFAC TC 6.1 Meeting Minutes

IFAC DYCOPS Symposium, Mumbai, India

Dec. 20, 2013, 5:00-6:15 pm

Participants:

Jay H. Lee (Korea), TC 6.1 Chair
Richard Braatz (USA), TC 6.1 Co-Chair
Don Bartusiak (USA), TC 6.1 Industrial Co-Chair
Dominique Bonvin (Switzerland), TC 6.1 Co-Chair
Roberto Baratti (Italy)
Hector Budman (Canada)
Eric Bullinger (Belgium)
Don Chmielewski (USA)
Sebastian Engell (Germany)
Rolf Findeisen (Germany)
Bjarne Foss (Norway)
Furong Gao (Hong Kong)
Christos Georgakis (USA)
Bhushan Gopaluni (Canada)
Ravindra Gudi (India)
Jakob Huusom (Denmark)
Manabu Kano (Japan)
Cesar de Prada (Italy)
Sachin Patwardhan (India)
Michel Perrier (Canada)
Samavedham Lakshminarayanan (Singapore)
Claudio Scali (Italy)
Sirish Shah (Canada)
Sigurd Skogestad (Norway)
Ilse Smets, TC 8.4 Chair
Hong Yue (UK)

Welcome, minutes, agenda

The meeting started by introducing the two vice-chairs, Richard Braatz (MIT, USA) and Don Bartusiak (ExxonMobil, USA). The minutes of the last meeting during the IFAC ADCHEM Symposium in Singapore, July 13, 2012 was reviewed and accepted.

Review of DYCOPS 2013 program

On behalf of the IPC, IPC Co-Chair Gabriele Pannocchia presented the summary statistics for the DYCOPS 2013 meeting. Out of 187 submissions, 145 were accepted, 137 papers made into the program, out of which 132 papers were actually presented (5 no shows – 4 oral and 1 poster). The total number of registered participants was ~81%. Acceptance ratio for the regular papers was about ~81%, which is somewhat higher than in previous conferences including the ACCs. Geographical breakdown information and other statistics were presented. [see the attached PPT]

This meeting had a relatively low level of participation from the US, probably due to the proximity, visa complications and the general decrease in travel budget.

Upcoming and Future Meetings

IFAC World Congress in 2014, Cape Town, South Africa:

TC Chair informed that 111 submissions have been received for the TC and are being reviewed. Due to the large number of submissions to be reviewed, four additional associate editors (Chmielewski, Grover, Guay, Soroush) have been recruited, in addition to the original three associate editors (Kano, Kothare, Scali). Each AE is assigned to handle 12-15 papers. The TC Chair urged the TC members to participate so that the TC can be well represented at the Congress.

ADCHEM Symposium in 2015 Whistler, Canada:

There was a brief report from the NOC Co-Chair Bhushan Gopaluni for the upcoming ADCHEM meeting to be held during June 7-10, 2015. [See the attached PPT file.] The venue will be at the Whistler Convention Center in Whistler, Canada. The conference hotels will be available in three categories, with the top category at the Westin (daily rate of >\$180), the middle category (\$120-\$150), and the budget category (\$90-\$130). The IPC chairs are Rolf Findeisen (UMagdeberg, Germany), Martin Guay (Queens U, Canada), and Don Bartusiak (ExxonMobile). Area chairs and IPC members have also been recruited. The registration fee will be 680 CAD for regular participants and 350 CAD for students. Flyers for the meeting announcement have already been prepared and distributed at this meeting.

DYCOPS+CAB 2016

According to the traditional rotation, the meeting should go back to Americas. However, in order to break the cycle that successive ADCHEM and DYCOPS meetings are held in a same continent, it was proposed that the meeting be held in Europe instead. Then, 2018 ADCHEM can go to Asia, 2019 DYCOPS to Americas, and 2021 ADCHEM to Europe. This proposal was accepted by the members present.

There also was a proposal that DYCOPS and CAB be combined into a single three-day meeting (instead of two separate meetings with one day overlap as in the past two meeting). It was proposed that the combined meeting be named DYCOPS-CAB (to be discussed further before making a final decision). The proposal had already been discussed at the TC 8.4 meeting; TC 8.4 Chair Ilse Smets commented that the proposal was motivated by the recent drop in the CAB participation and the fact that most CAB participants stayed on for the DYCOPS meeting. TC 6.1 Chair mentioned that this would help differentiate DYCOPS from ADCHEM, which started out to have different themes and scopes but evolved into similar meetings. Overall sentiment of the meeting participants was quite positive and the proposal has been accepted with logistical details to be worked out later.

Sigurd Skogestad presented a proposal that Norway hosts the next DYCOPS-CAB, which will be held in June, 2016. He proposed Trondheim as the likely venue, as it is convenient for the NOC team (Skogestad, Foss, etc.) and university facilities are available for use during June. Trondheim had hosted PSE/ESCAPE in 1997 and therefore has experience to host such meetings. Scali mentioned Sardinia, Italy may be another attractive venue as Roberto Baratti could act as the NOC Chair but this proposal was not considered seriously for 2016. Another participant mentioned that cost may be high but Skogestad said lodging at reasonable costs can be arranged and registration fees can be lowered by using university facilities. It was also suggested that Oslo or Bergen be considered as possible venues, as they offer more travel convenience and sightseeing attractions. The venue, NOC, and NOC/IPC members should be finalized by later next year.

Task forces

Systems Biology—Elling Jacobsen (Sweden) couldn't make the meeting but sent the message that no special session has been arranged for this meeting.

Energy – Hector Budman (Canada) gave a brief update and mentioned one special session on energy systems (with 8 papers) has been organized at this meeting. It was one of the best attended sessions of this conference. Don Bartusiak made a brief presentation on current / future industrial needs in optimization and control, esp. in consideration of all the recent developments and interests in the shale gas/oil area, particularly in North America. It was suggested that Hector and Don work together to put together special sessions on related topics in future meetings (e.g., 2014 ADCHEM)

CO2 Management – The TC Chair briefly mentioned that this is an area of increasing importance and the TC should consider how to raise its presence and participation in the area. He asked for volunteers to work with him on organizing special sessions on related topics in future meetings.

AOB

None.

Singapore, July 13, 2012

Jay H. Lee