

Minutes from the IFAC TC 6.1 Annual Meeting

July 13, 2020, 16:00–18:00 (CEST)

Welcome and Introductions

The meeting was called to order by the TC Chair Richard D. Braatz. After reviewing the agenda, the minutes were unanimously approved for the TC 6.1 meeting held in Florianopolis in 2019.

2020 IFAC World Congress

IPC Chair and TC Vice Chair Rolf Findeisen reported on the 2020 IFAC World Congress. TC 6.1 members organized the biggest workshop of the Richard D. Braatz reported on the 2020 IFAC World Congress. 101 submissions were accepted and 61 were rejected. TC 6.1 had four invited sessions. Rolf detailed the special features of the conference, and answered questions from the TC members. The TC Chair announced that the Editor in Chief of the Journal of Process Control will be approached to determine whether a Special Issue will be allowed, e.g., ~20 papers selected based on review scores, including plenary and keynote papers (the submission deadline would be the end of August 2020). He also mentioned that he will reach out to the Editor in Chief of Annual Reviews in Control as well, especially for plenary talks.

Reports for Working Groups

Working Group Chair for Systems Biology Rudiyanto Gunawan co-organized one invited session proposal in TC 8.2 on “Advanced Modeling of Biological and Biomedical Systems” for the IFAC World Congress, and an open track session on “Trends in Control Theory at the Interface of Systems & Synthetic Biology” was organized by another TC. The TC Chair noted that systems biology is of interest to many TCs and that co-organizing TCs in this topical area with other TCs – even with them in the leading role – is encouraged. TC 6.1 collaborates with rather than competes with other TCs in the systems biology area. Rudiyanto Gunawan is organizing an invited session on “Systems Modeling, Analysis, and Control in Biopharmaceutical Manufacturing” for ADCHEM 2021.

Working Group Chair for Big Data Analytics S. Joe Qin reported that he organized two invited sessions at the 2020 IFAC World Congress and that he will be an Area Chair for DYCOPS 2022 which changed “Modeling and Identification” to “Modeling, Learning, and Identification” to represent new interest in data and learning.

Working Group Chairs Hector Budman (Energy) and Luis Ricardez-Sandoval (CO₂ Management) reported on invited sessions at the 2020 IFAC World Congress. For ADCHEM 2021,

they plan to organize an invited session on Energy and CO₂ Capture and Management, and asked interested individuals to email Luis.

ADCHEM 2021

NOC Chair Gabriele Pannocchia provided an update on ADCHEM 2021 to be held on June 13-16 in Venice, Italy.

DYCOPS 2022

NOC Chair Jong Min Lee provided an update on DYCOPS 2022 to be held on June 6-9 in Busan, South Korea.

ADCHEM 2024 Preliminary Proposals

This symposium is scheduled to go to Americas according to the geographical rotation in place. Proposals were solicited before the TC meeting. Chris Swartz and Rudiyanto Gunawan presented preliminary proposals on holding ADCHEM 2024 in Canada and the U.S., respectively. High-quality preliminary proposals were presented for each country. The TC Chair Richard Braatz noted that the IPC Chair is selected among past Area Chairs from a different geographical region than where the symposium is held, to ensure that each IFAC Symposium is well represented by the international community, rather than being a regional conference. The TC Chair encouraged all TC members to email nominations of IPC Chairs to the TC Chair.

Closing Comments

TC Chair Richard D. Braatz announced that

- the decisions for the ADCHEM 2024 will be made at the next TC 6.1 meeting

- the 2023 IFAC World Congress will be in Yokohama, Japan

TC Chair Richard D. Braatz congratulated the incoming TC Chair Rolf Findeisen, as Richard is moving to the position of Vice Chair of Conference Activities. As customary for a new TC Chair, Rolf will be reaching out to individuals to serve as Vice Chairs and Working Group Chairs.

The TC 6.1 meeting was followed by informal discussions among committee members.

Virtual, July 13, 2020

prepared by Richard D. Braatz