Minutes of TC9.4 Meeting at the IFAC IBCE 24

Participants in presence: Antonio Visioli, José Luis Guzman, Katarina Zakova, Alberto Leva, Elena Zattoni, Steffi Knorn, Clara Ionescu, Dana Copot, Juan Diego Gil, Malena Caparroz, Erhan Yumuk, Robin De Keyser, Miguel Angel Prada, Jacobo Saenz, Jesus Chacon, Cosmin Copot

Participants online: Margret Bauer, Damiano Varagolo, Dinesh Krishnomoorthy, Bassam Alrifaee, Brian Douglas, Cristina Stoica, Damiano Rotondo, Daniel Abramovitch, Fabrizio Padula, Helem Sabina Sanchez, José Carlos Moreno, Gorazd Karer, Laura Screpanti, Marjan Golob, Melda Ulusoy, Paulo Moura Oliveira, Bernard Riera, Thomas Chevet, Ademar Gonçalves da Costa Junior.

- The meeting started at 16:30 on Thursday September 19, 2024.
- Antonio Visioli, the TC Chair, started welcoming the participants to the meeting and thanking the IFAC IBCE organizers.
- Antonio Visioli presented the stats about the submissions of the IBCE, indicating that only a few submissions were received and we should think about the future organization of IBCE. Moreover, he remarked that most of the contributions came from Europe.
- He continued announcing the next IFAC ACE 2025 to be held in Budapest from June 18-20, presenting the conference format and the most important information/dates.
- He also presented other conferences where the TC9.4 is co-sponsors, where the idea would be to prepare invited sessions on control education in those events. At this point, Paulo Lopes dos Santos presented the IFAC ROCOND conference as NOC Chair of this event, invited colleagues to submit papers and organize such a kind of special sessions on control education.
- Antonio Visioli, presented the “Series of webinars” initiative in cooperation with IEEE. He remembered the audience that the webinars are recorded and available at IFAC YouTube channel. He also announced the next webinar (October 23rd, 5pm CEST) by Steve Brunton entitled “(Teaching) Control Theory in the Age of Machine Learning”.
- After the coming webinar, the TC9.4 will propose two different webinars related to control education in aerospace.
- Antonio Visioli presented the results of the working group created to analyze the teaching aspects during and after the pandemic. The results of this working group ends up in a journal paper in the International Journal of Engineering Education.

José Luis Guzmán briefly described the idea of this working group and the information that can be found in the paper.

- Antonio Visioli presented a paper that will be published in Annual in Reviews in Control about the strategic directions and the multidisciplinary collaborations of IFAC's Social Systems Coordinating Committee.
- Antonio Visioli highlighted that the IFAC Journal of Systems and Control is the main IFAC journal to publish high-quality papers on control education.
- Steffi Korn presented the IFAC Education Activities Committee, introducing the main aim of this committee and why was created for. She introduced the committee structure, the roles and the coming meetings/prizes/activities. At the end of the intervention she commented about the new IFAC TC9.4 education prize, which is being promoted and established as part of this new committee. Attendees online and on-site were discussing about the differences between the Harold Chestnut Control Engineering Textbook Prize and the new prize trying to recognize new teaching material and good teachers. Daniel Abramovich, Cristina Stoica, and Damiano Rotondo participated in the discussion online.
- Antonio Visioli described the "Open Access Resources for Control Education" initiative chaired by Atanas Serbezov. He highlighted a specific initiative for practitioners. The idea is to identify resources for PID tuning for practitioners and collect online resources for this topic.
- Damiano Varagnolo described the projects related to Control Engineering Exercises and Advent Calendar.
- Antonio Visioli asked for any other issues to discuss. No new questions were raised and Antonio encouraged people to join the TC activities.
- The meeting was closed at 17:50.