

Minutes from TC HMS meeting, Dec 19, 2018, 12:00-13:20

Participants (8):

Alexander Medvedev (Uppsala U), Rick Middleton (Newcastle U), Steffi Knorn (Uppsala U), Sergio Pequito (Rensselaer Polytechnic Institute), Eric Rogers (University of Southampton), Alessandro Borri (Italian National Research Council), Antoine Chaillet (Univ. Paris Sud, L2S - Supélec), Mathukumalli Vidyasagar (University of Texas at Dallas)

Agenda

1. Last meeting at CDC 2017
2. Information about TC members
3. Activities report, 2018
4. Coming activities

1. Alexander informs about the TC HMS meeting held at CDC17 in Melbourne. The minutes are available on the TC web site.

2. The TC currently consists of 55 members, of which two joined this year. Most of the members are from the Americas (36) with Europe (17) in the second place and only two members are from Asia. Junior researchers are clearly underrepresented among the TC members. Alexander encourages the TC members to invite their PhD students and post-docs to the TC meetings. To make sure that food is available please let Alexander know about the guests in good advance (prior to the conference)

There is a significant diversity in the research topics pursued by the members of the TC. The three most popular research areas appear to be Neural systems and Neuroscience, Rehabilitation robotics and prosthetics, and Behavioral medicine.

3. The annual TC report has been submitted to the Board of Governors. The details of it are provided in the meeting slides.

4. Coming activities:

- TCs are encouraged to organize workshops. During ACC/CDC, rooms are covered by the conference and it is possible to obtain funding in the range of 2-3 000 USD. Given the success of invited sessions on control in neuroscience, this can be a good topic for a workshop.
- The committee is also asked to identify new hot topics to cover in the form of a position paper in Control Systems Magazine. One idea is to propose a piece on control for Individualized therapies. Alexander will start working on this.
- The TC is expected to nominate one person to Conference Editorial Board before January 20, 2019.
- Three invited sessions on Analysis, Design, and Control of Systems in Neuroscience have been proposed to ACC19.

- The TC members are asked to consider nominating good papers and fellow researchers to IEEE Prizes before 15 of May each year.
- Special sections in journals devoted to Neuromodulation, Feedback drug delivery, Wearable and implanted systems are to consider in the coming year.
- Daniel Rivera offers funding to new outreach activities. See the meeting slides for details.