Annual Report Programme Committee Systems & Control (MSc) – 2018/2019

Contents

1. Programme committee

A. Members

In the academic year 2018/2019 the program committee Systems & Control (PC-S&C) consisted of the following members:

Staff: Until December 2018: Johannes van Dijk (chairman), Johan Engelen, Sarthak Misra; From 1 February 2019: Ronald Aarts (co-chair), Sarthak Misra (co-chair) , Francesco Nex.

Students: Mitul Agrawal, Edwin van Boven, Atul Hari.

In addition the programme director (PD), Jan Willem Polderman, and the programme coordinator, Maarten Korsten, are invited to attend the meetings. A student is hired to take care of the minutes.

After the retirement of the previous chairman, Johannes van Dijk, the new PC-S&C agreed to appoint Ronald Aarts and Sarthak Misra as co-chairs who jointly take care of the tasks of the chairman.

B. New members

As two staff members of the PC left the University at the end of 2018, two new members have joined the PC. For new (and existing) PC-members the option is offered to join one of the University's trainings for PC-members.

C. Communication

The staff members represent different groups from different faculties contributing to the programme. Although it is not possible to arrange that all groups are represented in the programme committee, there are numerous informal and formal contacts between staff members across the various groups and faculties which facilitate communication about possible educational issues.

There are ample opportunities for the student members to meet other students and students know they can contact the PC-S&C members in the case they want to the PC-S&C to address some topic. Furthermore an initiative is started to team up with study association S.A. Astatine (BSc Advanced Technology and the MSc Nanotechnology) which may be willing to be available for MSc S&C students as well. This initiative can strengthen the link between the PC student members and their fellow students.

2. Meetings

In the academic year 2018/2019 there have been 5 meetings, which all were with the program director (PD):

22nd PC-meeting – 29 October 2018
- Composition of graduation committee.
- Report accreditation committee.
- New course "Epistemological Perspectives on Engineering Design Processes".

23rd PC-meeting – 4 March 2019
- Report and decision NVAO on accreditation S&C programme. In particular the recommendations from the accreditation committee are discussed.
- Prepare discussion Master TER in next PC-meeting.
- Required number of control-oriented courses in study program.

24th PC-meeting – 9 April 2019
- Master TER, Faculty EEMCS.
- Master TER, Programme S&C.

25th PC-meeting – 7 May 2019
- New courses "Nonlinear Control", "Advanced Motion Control", "Flexible Multibody Dynamics".
- Update Master TER, Programme S&C.
- Language policy.

26th PC-meeting – 4 July 2019
- Advisory board.
- Changes in available courses after finalising the Master TER.

3. Advices

A. Asked

In the past academic year 5 officially asked advices have been given:

58 (29 October 2018): Positive advice for the course "Epistemological Perspectives on Engineering Design Processes".

67 (9 April 2019): Advice with some changes in the TER.

74 (7 May 2019): Positive advice on the proposal for the "Nonlinear Control" course.

75 (7 May 2019): Advice on the composition of the assessment committee of the Final Project.

85 (4 July 2019): Positive advice on the changes in the TER.

B. Not asked
In the past academic year 2 not officially asked advices have been given:

70 (9 April 2019): Advice for Programme Coordinator to add prerequisite requirements for compulsory course "Modelling and Simulation" on the website.

86 (4 July 2019): Advice to the Programme Coordinator to make a list of the courses that students may also follow, but are not part of the core courses.

4. Course evaluations
In the academic year 2018/2019 the PC hasn't evaluated a specific course. Some issues with courses have been discussed, like the time needed for grading and information about required prior knowledge that should be communicated clearly.