

Annual Report PC-CS (Programme Committee Computer Science) 2020-2021

The PC-CS is responsible for the Bachelor Programme Technical Computer Science and the Master Programmes Computer Science. The PC-CS consists of four staff members, four student members and a secretary. The Programme Director, Programme Coordinators, and the Officer of Educational Affairs of the study association have standing invitations to attend the meetings.

Members

The members of the PC-CS were in the academic year 2020-2021:

Staff members:

- Rom Langerak (president)
- Elena Mocanu
- Anna Sperotto
- Erik Tews

Student members:

- Sander Bakkum (Master student, vice president from March 2021)
- Niek Khasuntev (until Februari 2021, Master student, vice president)
- Joris Kuiper (from Februari 2021, Bachelor student)
- Angela van Sprang (until October 2020, Bachelor student)
- Marten Voorberg (from October 2020, Bachelor student)
- Jayanshi Tripathi (from October 2020, Bachelor student)

Registrar:

- Sabine Padberg-Heskamp

Minute secretary:

- Robin Waterval

Several topics may be prepared by Work Groups that meet prior to the PC-CS meetings. In this period there were three Work Groups active:

Work Group Curriculum

- Rom Langerak (president)
- Niek Khasuntev -> Joris Kuiper
- Elena Mocanu
- Anna Sperotto
- Andre Kokkeler -> Bert Molenkamp (external member)

Workgroup EER

- Erik Tews (president)
- Sander Bakkum
- Angela van Sprang

Workgroup Quality Assurance

- Anna Sperotto (President)
- Rom Langerak
- Erik Tews -> Elena Mocanu

Quality Assurance Interviews

In 2019 the PC-CS has introduced and implemented the concept of quality assurance interviews (QAI). The goal of these interviews is to have an informal conversation between two PC members (a student and a teacher) and a teacher about their course. This can either be a bachelor module or a master course. During the conversation the SEQ evaluations and the teacher's reflection are covered, as well as future planned improvements. After the conversation the PC members write a short report. A QAI has been held for the following courses during the academic year 2020/2021:

2019/2020 Courses:

- Module 4: Data & Information (BSc)
- Module 12: Research Project (Bsc)
- Elective Module: Smart Spaces (Bsc)
- Ad-Hoc Networks (MSc)

Q1 2020/2021 Courses:

- Module 2: Software Systems (BSc)
- Modeling and Analysis of Concurrent Systems (MSc)
- ADSA: Model-Driven Engineering (MSc)
- Secure Data Management (MSc)

Several planned QAIs did not take place because of unavailability of teachers or because students left the PC-CS. The ambition is to have 3-4 QAIs every quartile.

Meetings

The PC-CS has had 11 meetings:

- 148: September 8, 2020
- 149: October 6, 2020
- 150: November 3, 2020
- 151: December 1, 2020

- 152: January 12, 2021
- 153: February 9, 2021
- 154: March 9, 2021
- 155: April 6, 2021
- 156: May 11, 2021
- 157: June 8, 2021
- 158: July 6, 2021

The PC-CS has had discussions (and provided recommendations) on a variety of topics given here below. Behind each topic is given the number of the meeting where this topic has been discussed; details can be found in the minutes of the indicated meeting.

Changes in the Curriculum

- New course: Software Testing and Risk Assessment 148
- New course: Internet Management and Measurements 148
- New course: Quantum Computing 148
- Changes to Module 6 148
- Changes to course Ubiquitous Computing 151
- New course: Empirical Security Analysis & Engineering 152
- Changes to course Internet Security 153
- Changes to Data Science & Technology specialisation 154,155
- Introduction of Sports Data Science specialisation 154,155

Changes in the EER

- Last changes Bachelor EER 148
- Master EER 155
- Bachelor EER 156,157

Quality Assurance of Modules and Courses

- QAIs 149,150,151,152,153,154,155,156,158
- CEEP evaluations 149,150,153
- Exit interviews and Master Final Project evaluations 151
- Quality control for courses from outside Computer Science 151

Working Procedures of the PC-CS

- Training course for PC 148,149,150,151,154,155
- Composition working groups 148,149
- Composition PC 149,150,158
- Annual Report 149,150

Miscellaneous Topics

- Overlap between Ethics courses in Bachelor and Master 148,149
- Two-yearly evaluations of PILOs 150
- Spending of WSV funds 150,152,153,154
- Professionalization Teaching Assistants 151,152,153
- Cum Laude rules 152,153,154
- Easing of the Binding Recommendation 153
- Bachelor: Internship as Minor 153
- Program Development Plan CS 154
- Implementation of TEM 2.0 154,156,158
- Student Flowers 154
- Alternative TCS Minors 156
- Student wellbeing during Covid 156,157
- Numerus Fixus 157
- Master graduation protocol 157

Reflection on the PC-CS in the academic year 2020-2021

- We are happy with the format of the Quality Assurance Interviews. The ambition is to have more of them.
- This year the PC-CS had several ad-hoc meetings (outside the regular meetings) and that worked quite well. On the other hand, there was less activity of the Working Groups. We will see how this works out in the next year, and then maybe evaluate the existence of the Working Groups.
- There is currently little interaction between the PC-CS and the Faculty Council. We will take an initiative to see what can be done to improve this.
- The QAI's have also resulted in a slightly better visibility of the PC-CS with the staff. We will try to take initiatives to improve the visibility also among students.