

Annual Report PC-CS (Programme Committee Computer Science) 2022-2023

The PC-CS is responsible for advising the Programme Director on the Bachelor Programme Technical Computer Science and the Master Programme 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 2022-2023:

Staff members:

- Nikolaos Alachiotis
- Mohammed Elhaji
- Rom Langerak (president)
- Anna Sperotto

Student members:

- Daniël Floor (vice president) (Master student)
- Kryštof Mitka (Bachelor student)
- Mikuláš Vanoušek (Bachelor student)
- Jelle van den Wijngaard (Bachelor Student)

Registrar:

- Sabine Padberg-Heskamp

Minute secretaries:

- Jakub Kościotek
- Soban Asif

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

- Mohammed Elhaji
- Daniël Floor
- Rom Langerak
- Anna Sperotto (President)
- Jelle van den Wijngaard

Work Group EER

- Nikolaos Alachiotis
- Daniël Floor
- Kryštof Mitka
- Mikuláš Vanoušek
- Jelle van den Wijngaard (President)

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 that is briefly discussed (for information) in the PC-CS.

The main objective is to promote reflection of the education on the part of the teachers, and to establish an ongoing dialogue between teachers and the PC-CS. In addition, QAI's may provide a sample assurance on whether the Quality Assurance procedures are in place.

A QAI has been held for the following courses during the academic year 2022/2023:

2021/2022 Courses:

- Blockchain and Distr. Ledger Technology
- Performance Evaluation
- M3: Network Systems
- Real-Time Systems 2
- Security Services for IOT

2022/2023 Courses:

- Internet of Things
- Limits to Computing
- M5: Computer Systems
- Cybersecurity Management
- Elective module Data Science and AI
- Interactive Theorem Proving
- M7: Discrete Structures and Efficient Algorithms

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:

- 170: September 13, 2022
- 171: October 11, 2022
- 172: November 8, 2022
- 173: December 13, 2022
- 174: January 17, 2023
- 175: February 14, 2023
- 176: March 14, 2023
- 177: April 11, 2023
- 178: May 16, 2023
- 179: June 13, 2023
- 180: July 11, 2023

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

- 170,174: New module Intelligent Embedded Systems
- 177: Changes to module Cyber Physical Systems
- 177: New Master course Learning Analytics
- 178: Small updates on several Master courses
- 179: New module Internship
- 179,180: Changes to Reflection in M11 and M12

Changes in the EER

- 175: Planning EERs
- 177: Master EER part A
- 179: Master EER

Quality Assurance of Modules and Courses

- 171: promoting teacher reflections
- 172: procedure SEQ and reflections
- 172: info from CEEP evaluations
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Working Procedures of the PC-CS

- 170,171,172,178: New members PC
- 171: Annual Report
- 171,172: bylaws PC-CS
- 171,175: composition Work Groups
- 171: PC-CS lunch on January 17
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Miscellaneous Topics

- 170,172: Ta Training
- 171: Study load Double Degree
- 171,174,180: Programme development plan CS
- 172,176: Online exam environments
- 172,173,174,176: Code of conduct for online platforms
- 172: Student programming competition
- 173: Student access to slides prior to lectures
- 176,177: TCS selection procedure
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Reflection on the PC-CS in the academic year 2022-2023

- The PC-CS will continue to meet online. It is convenient if there are people who cannot be on campus (and we prefer then an online meeting over a hybrid meeting). We also feel that online meetings are efficient and orderly. We would like to meet on campus though every now and then, to know each other better. We will try to have at least once a year an on-campus meeting.
- PC-CS will take initiatives to raise the awareness of the PC-CS (under both students and staff).
- We are happy with the format of the Quality Assurance Interviews. This year we had 12 of them (against 13 last year). Our ambition is still to have four of them every quartile.
- The EER Work Group and the Curriculum Work Group are there to prepare discussions in the PC. The Quality Assurance Work Group has not been continued.