

## **Faculty EWI (EEMCS)**

### **MINUTES MEETING PROGRAMME COMMITTEE – CS**

#### **Meeting NR. 180**

<b>Date:</b>	Tuesday 11 July 2023
<b>Location:</b>	Online (Via Teams)
<b>Time:</b>	10.45 – 12.30
<b>Present PC members:</b>	Rom Langerak, Anna Sperotto, Daniël Floor, Jelle van den Wijngaard, Krystof Mitka, Alachiotis Nikolaos
<b>Present not members:</b>	Vadim Zaytsev, Eline Meijerink, Marloes van Grinsven (all programme management), Mariska Frelief (Inter-Actief), Soban Asif (Minute Maker)
<b>Absent PC members:</b>	Mohammed Elhajj, Mikuláš Vanousek
<b>Absent not members:</b>	Sabine Padberg (Registrar), Daniel Jonker (Inter-Actief), Sanne Spuls (Study Advisor)

#### **1. Opening and Determining agenda**

- a. Floor opens the meeting at 10:48.

#### **2. Announcement PD**

- a. Zaytsev shares several updates:
  - I. In October, a new Vice Dean of Education will be appointed for the EEMCS department.
  - II. The faculty of Computer Science is actively seeking to recruit new professors based on a sector plan. This plan aims to identify and fill the gaps in expertise within the faculty.
  - III. Ongoing changes are being made to the reflection components. The Research Project (Module 12) will no longer include a reflection component, while The Design Project (Module 11) will maintain its reflection component. Additionally, internships will now include a reflection component.
  - IV. A discussion has taken place with the Mathematics Department regarding the double degree program in Computer Science and Mathematics. The focus of the discussion was on improving the program based on what went well in the previous years, as its success rate has been subpar.
  - V. A UTQ ceremony recently took place.
  - VI. The graduation ceremony for bachelor students is scheduled for October 21st, during which diplomas will be awarded.
  - VII. A pilot program will be conducted during the summer, involving selected Teaching Assistants completing a project similar to that of module 2 using Artificial Intelligence tools. The purpose of this pilot is to assess the effectiveness of these tools in large projects. The results will inform any necessary actions for module 2 and establish a general policy for the remaining modules.

### **3. Income - outgoing correspondence**

- a. Outgoing correspondence has been sent from the Programme Committee which pertains to advice on the Master EER.

### **4. Minutes of the 179<sup>th</sup> PC-CS meeting d.d. June 13<sup>th</sup> 2023**

- a. According to Meijerink's proposal, Action Point 634, which involves gathering ideas to enhance module evaluation, should be assigned to a dedicated working group. This group should consist of a representative from the programme committee and another from the programme management. Meijerink expresses her willingness to take part in the working group as a representative of the programme management. Additionally, Mitka and Langerak also volunteer to be part of the group.
- b. Jelle van den Wijngaard recommends that minutes be provided earlier to facilitate the implementation of action points. He further suggests that these minutes be distributed via email.
- c. Action points:
  - i. 610: It is still being done. The action point is kept.
  - ii. 622: It has been completed. It can be removed.
  - iii. 632: Zaytsev will still provide an extended report. It is kept.
  - iv. 634: A working group has been formed. The action point is removed.
  - v. 635: It has been completed. It can be removed.
  - vi. 637: It has been completed. It can be removed.
  - vii. 638: It is still being done. The action point is kept.
  - viii. 639: It is still being done. The action point is kept.
  - ix. 640: It has been completed. It can be removed.
  - x. 641: It is still being done. The action point is kept.
  - xi. 642: It has been completed. It can be removed.
  - xii. 643: It has been completed. It can be removed.

### **5. CS Development Plan**

- a. Zaytsev provides a quick overview on the CS Development plan pertaining the Bachelor and Master of Computer Science:
  - I. The plan represents the program's engagement with external stakeholders, primarily the faculty, including the Dean, Vice Dean, and quality officers.
  - II. Previous year's plan was largely copied due to consistent initiatives like blended learning and the establishment of the Industrial Advisory Board.
  - III. This time, more progress has been made, and most points from the previous plan have been implemented successfully.
  - IV. Pertaining the change from numerous fixes to mandatory matching, things such as study groups' positive outcomes suggest a need for similar actions in the future.
  - V. Emphasis on evaluations, including the SEQ's, are a crucial commitment.
  - VI. A proposal is under consideration to reevaluate the organization of both basic and advanced modules in the bachelor's program. Presently, certain modules are designed as pass or fail without any intermediate grading option and may contain advanced topics. An alternative approach being explored involves establishing minimum requirements that correspond to 15 EC. For those seeking a greater

challenge, the option to undertake advanced modules is available, allowing students to earn extra ECs (20 EEMCS per quartile) and explore optional topics.

- VII. Regarding point VI. Jelle van den Wijngaard notes that it is essential to consider the potential differences in content between basic and advanced modules, and how this might impact prerequisites for other modules. He also questions whether the completion of advanced modules will be reflected on the diploma. To this Zaytsev replies that this is the case.
- VIII. Mitka notes that the distinction between the Honors Program and the advanced modules of TCS to be introduced be made clear to incoming students.
- b. Plans to separate the DST specialization into a standalone program to accommodate its interdisciplinary nature and accept students with diverse backgrounds are being explored. This would lead to the creation of a specially designed diploma with learning objectives focused on data science for students pursuing this specialization.

## **6. Reflection in graduation modules**

- a. Langerak expresses a need for a motivation on the speed of the change in the reflection of the graduation modules as he believes a good transitional arrangement should be made. He requests this of the Program Management.
- b. Langerak also proposes that a good arrangement be provided for students that would prefer to do the old program before the proposed change.
- c. In response to this, Meijerink states that she and Vonk are working on transitional arrangements.

## **7. QAI**

- a. Mitka provides a general overview of the report on the QAI of module 7.
  - I. In the past, the module had a very positive SEQ (Student Evaluation of Quality) rating of 7.8. However, this year, the rating dropped below average to 5.4.
  - II. The Algebra course underwent changes with a new teacher, and this change was a major factor in the lower module rating.
  - III. Complaints about the Algebra course were both inaccurate and valid. Some issues were due to temporary technical problems, while others centered around the lack of exercise solutions and course flexibility.
  - IV. Students expressed a desire for more flexibility in the course and more diverse materials, including recorded lectures and summary videos of basic concepts for the following years.
  - V. Despite the lower module rating, the pass rate for the Algebra course improved, possibly because the practice exam closely resembled the actual exam.
  - VI. Next year, the Algebra course will have a new lecturer, and the course's scope will be reduced by about 10% to address the perceived high workload.
- b. Jelle van den Wijngaard remarks that when he took the course, students met in small groups with the teacher. Instead of traditional lectures, they had 20-minute group sessions to review the previous week's homework. These small group sessions led to detailed questions and motivated students to consistently do their work.
- c. There were no comments on the CEEP Evaluation report on network systems.

**8. New student member/ vice chair/ minutes maker**

- a. Van Grinsven expresses some concerns about the absence of a master student representative in the Programme Committee.
- b. Frelie is introduced as a new member of the Programme Committee.
- c. Kosciolk will be formally requested to join the Programme Committee.

**9. A.O.B / Questions and Conclusion**

- a. Jelle van den Wijngaard proposes reintroducing pre-meeting meetings for student members to discuss upcoming meeting documents.

# Action points PC CS meeting 180

Nr.	Given in month	Meeting	Description	Responsible	Deadline
610	November 2022	172	Write down a clear overview of the process of obtaining, discussing, and publishing the results of the SEQ and teacher evaluation for future PCs	Zaytsev	April 2023
632	February 2023	175	Prepare written report about New Year's event outcomes	Zaytsev	
638	May 2023	178	Carry out quality assurance interview for Information Theory and Statistics	Langerak/ Floor	June 2023
639	May 2023	178	Carry out quality assurance interview for Pervasive Computing	Sperotto/ van den Wijngaard	
641	May 2023	178	Explain/ send document pertaining University policy on AI generative tools and their use in education	Zaytsev	June 2023
644	July 2023	180	Meeting of the working group pertaining improvement of module evaluation	Meijerink	
645	July 2023	180	Making the deadline shorter for when minutes are to be received by the PC	Padberg	
646	July 2023	180	Contact organizers of events such as BAPC	Frelie	
647	July 2023	180	Send recommendations regarding the Development Plan to the program management.	Mitka	
648	July 2023	180	Provide a motivation for the speed of change in the reflection of graduation modules	Zaytsev	
649	July 2023	180	Provide a report on the transitional arrangements regarding the change in the reflection of graduation modules	Zaytsev	
650	July 2023	180	Discuss and appoint a new vice chairman	Kosciolek/ Mitka/Frelie r/ Vanousek	September 2023