## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

# Minutes 184th PC-AM-meeting <br> Tuesday 13 June 2023 <br> 15:45-17:15 hr. Ravelijn 3411 

Present: H.G.E. Meijer (chairman), A. Betken (replacing Proksch), F. Schuller, B. Manthey, S.J. Geerts, L.S. Lanting, N. Luijten, E. van der Veer, A.A. Stoorvogel (PD), J. Schut (Mcoordinator), J.B. Timmer (B-coordinator), J.P. Boon, Q. Van Dongen (Candidate Board Abacus),

Absent with notice: K. Proksch, N.F. Berg (Abacus)

1. Opening

The chairman opens the meeting at 15:51.
2. Minutes $183^{\text {rd }}$ meeting 16 May 2023

Page 1 Line 42: passing grade -> passing rate
Page 2 Line 70: hard to figure out
Page 4 Line 170: Geerts
Line 171: Combined

Regarding line 250, the B-coordinator says that giving constructive feedback is still part of the programme in module 1.

With these changes, the minutes are adopted.

## Action points:

- 436a - Can be removed from the list

The PD is having an active discussion with the teacher. It is not completely finalized, but well on its way.

- 460a - Can be removed from the list

The M-coordinator implemented the changes the PC suggested. He already published it on the AM-master website. The advised timeframe can be added to the explanation on the website to further improve it.

- 461 - Can be removed from the list

The meeting has taken place. The PD and Lanting have come to a reasonable conclusion to have this support system. The current idea is that Lanting provides a list of students that she thinks are suitable to provide this support and encourage attending classes. The PD and the B-coordinator can then pick several students from this list. There will be one person out of the mentors who will collect all feedback, and this will be sent to the corresponding teachers. Boon asks if Lanting thinks there will be enough people willing to do this or if there needs to be some kind of compensation. Students who will serve as mentors will be employed as a TA and paid in the same way.

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL

- 463a - Can be removed from the list The advice has been written.
- 466 - Can be removed from the list The teacher fully regrets that it happened, and the plan for next year is that all students are informed. The issue did not affect the grading.
- 467 - Change to $467 a$ The teacher had certain thoughts on the purpose of the cheat sheet. He wanted to allow working on the cheat sheet during the lectures so that the students would actually be present during the lectures. If you were not attending the lecture, you could not work on the cheat sheet. The teacher said that it did not harm students that did not have the cheat sheet for the exam. The intention was to have students at the lectures.

Lanting says that at the first lecture, it was explained how and when the cheat sheet would be made, and that the students needed to prepare for the lecture. Some students had lectures from other courses scheduled at the same time, and these students had to choose which lecture to attend, and could not always attend. Furthermore, the moments students could work on it seemed random to them. Lastly, often they could work on this cheat sheet during the break of a 1.5 hours lecture, which lowered their concentration. Therefore Lanting thinks this did not pay off the way the teacher intended. The students who were absent during the first lecture were very confused about this system. The students also did not understand why they had to sacrifice their break for the cheat sheet.

The chairman asks the M-coordinator what he thinks about having to work during the break. The M -coordinator says that if he just reads the answer from Boucherie, the intention was okay. He did not force people to do it at a certain time, but people could feel that they missed something if they didn't work on the cheat sheet at that time. Lanting says that you had to be prepared to know what you could put on the cheat sheet. The PD thinks the break should not be used for further educational activities.

The chairman summarizes that the intention of the teacher was good. It may be helpful to put the rules regarding the cheat sheet on Canvas so that it feels less vague for the students. Another message should be sent to Boucherie, which says that the rules should be put on Canvas. Furthermore, lectures are not obligatory. The randomness together with doubly booked lectures causes students to miss the opportunity to work on their cheat sheets. Is that fair? The PD says that students should always have a way to recover. It is not fair to the students if they really could not be there.
Manthey says that there is always some randomness since a lecture plan is not rigid, but it should not cause a disadvantage. The chairman says we should include in the message that the PC thinks the opportunity to work on this cheat sheet should not be during the break. Lanting was also told that by the end of the course, students complained that it was during the break. So by the end of the course, the teacher handed out the cheat sheet during the break and took it back after the lecture. The PD says that causes students to pay less attention to

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL
the lecture. The chairman suggests communicating the discussed items to the teacher. Geerts says he misses a plan for next year. How will he handle this next year?
Action Point 467a (Chairman): Draft a message for Boucherie, sent it to the PC members and discuss it with the M-coordinator. The M-coordinator and the chairman will send it to Boucherie.

## 3. Announcements

The B-coordinator says that the predicted number of students is 48 . This is within the normal bounds.
4. Advices / correspondence

Advice on Individual Test Stochastic Processes
Done.
From Geerts: motivation on A3.6.3 of Master EER
The chairman thinks this is nit-picking on the rules. Geerts thinks that that is the point of the PC checking the EER. The M-coordinator says that for this year he does not want to interrupt the process, which is already going slow.
The PD was asked for input on the master EER part A. He also got comments from the faculty council on B-EER. He will forward Geerts' comments to van Grinsven (Master Programme Coordinator). Some of these comments need to be discussed among all programmes. Boon asks if we think that someone should be able to get a double Master's degree for only 70 ECs. Lanting says that if you only count courses, this already happens when you do ECB. The PD says that a couple of years ago, the AM programme looked at the rules of receiving a double degree. Nationwide there are no rules. As a university, this rule has been introduced. ECB has a different policy. They want more highly skilled mathematicians to become teachers.
Geerts asks if his point is clear. The chairman concludes that the points from Geerts are taken into the discussion of the EER. Geerts asks what the reason is for this article. The PD says that this article exists such that the extra efforts that a student has to take to get two master's degrees are written down, and secondly, the university gets paid for each diploma it hands out. The PD says that this article limits the amount of master programmes you can do as the examination board needs to approve a student's programme.
From Mastermath: next OC meeting on 10 November 2023
Acknowledged.

## 5. Bachelor evaluations

- Module 3

There are too few replies, but hopefully the panel evaluations will give more information.

## - Module 4

The chairman went to one of the teachers and talked about the panel evaluations. The course is still under development. The PD says that the lecturer wasn't too happy with this evaluation. The students complained about the communication in the course Numerical Mathematics. Sample exams for this course will be available tomorrow. The

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL
lectures were well received but the organizational parts were not optimal. This will be improved next year. Boon wonders how the TA of Numerical Mathematics could be illprepared for the tutorials. The students thought the TA was not instructed properly.

## - Module 7

The chairman wanted to discuss this module with a reaction from the teachers, but no reaction has been provided. Lanting and Boon think that the TCS students are spoiled. Van der Veer thinks that all comments are the same, that there are no recorded lectures and no solutions. Boon says that this is a problem course for TCS. The PD says that the passing grade this year was higher than ever. The interesting thing is that the lectures were well-received. There are a few students that are very outspoken regarding their complaints about Algebra. The PD had a meeting with TCS about this evaluation.

## - Module 8

Van der Veer remarks that there is still one resit during the kick-in camp. Furthermore, students that need to leave for a minor abroad physically cannot be there. The chairman wonders why this resit was not scheduled according to the annual cycle. The PD says that the year plan allows for resits outside the standard period. On the one hand, you want students to have time to prepare for resits, but also nobody is happy if the exams are too late in July. AM used to have resits before the academic year started again. The chairman says that on the annual cycle, July 31 to September $1^{\text {st }}$ is mentioned to be a holiday. The dean can by exception decide to make a change in weeks 28 till 35 . The chairman thinks that according to this annual cycle, planning a resit during a holiday period is not allowed. He asks the PD if we are allowed to schedule exams in an official holiday period.Boon asks why we are not using the allocated time for the resits. The chairman thinks it is reasonable to not plan an exam during these five holiday weeks. The B-coordinator says she had several discussions with the teachers, and this really was the best option. The students with a problem due to their minor can go to the Examination Board to request another chance. She thinks that one exam in the Kick-In should be reasonable. Boon disagrees. The teachers announced that the resits were in the last week before the start of the academic year. Then the students expected that they didn't have an exam in mid-July. Therefore the teachers did not want to change the dates to mid-July. The chairman thinks that if a student cannot be there because he has a holiday planned, this student is entitled to have an extra chance. The PD says that midor end July is also bad timing for teachers that want to go on holiday. Since the dates were already announced, changing them did not seem wise. The teachers want to look more carefully at the schedule for next year.

The chairman asks the PC members what they think about the date of the resit. Schuller thinks students also want to plan holidays.
Geerts thinks there should be no resits very late after a module.
Van der Veer thinks students should be allowed a third chance if they cannot be there. Lanting thinks resits till mid-July is fine, but after that time there should be no more resits.

The chairman suggests the following statement. The five weeks of the official holiday should not be used to plan exams or the dean should be explicitly asked for this exception. He asks if this request has been made. The PD says that in reality this request

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL
is being handled by him on behalf of the dean. But no, it has not explicitly been requested.
Boon suggests moving the exam and letting students have another option. The PD says that at this stage they cannot cancel the exam. The chairman does not want to change current plans, he just suggests caring for the students that cannot make it. He thinks this is a reasonable statement from our side.

Action Point (Chairman): Write opinion regarding resits in the holiday period

- Module 11

Postponed to next meeting

- Module 12

Postponed to next meeting

## 6. Bachelor EER 2023-2024

The comments from the faculty council will be discussed.

## Point 1

Schuller thinks it is a nuisance he cannot rely on the registration system. The chairman says that if a student does not subscribe for an exam, the teacher might not have an exam paper prepared for this student. The PD says that in Delft, students had to pay a fine if they did not subscribe but did come to the exam. Schuller thinks it is strange that we admit people to exams without enrolling in Osiris. The chairman does not see that the PC is in a position to change this rule or the policy that follows it. Schuller then thinks the whole purpose of the rules is void. The chairman suggests changing the policy for AM. Schuller thinks we should. Boon points out that student cards are checked at an exam. Schuller says that the expectation on both the teacher and student side is that this is not taken seriously. Also, the teacher will still give you paper even if you are not registered. Boon wonders how you can even do an exam if you are not on the Canvas page and not included in any communication.

## Point 14

The chairman thinks that this point is irrelevant.

Point 28
Betken wonders if the last sentence implies that students should not be informed of the deadline for requesting an individual discussion. Schuller says it means it is not obligatory, but you could do it. The chairman thinks you should read this as these are the rules and we do not have to actively advise you another time.

Geerts asks if the course codes for the combined programmes are still being updated. The PD says he put in as many as he knows.

The chairman suggests that we state that the PC is happy with the changes and that we endorse the EER like this. PD says he assumes he has the freedom to add factual information. The PC he has.

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL

Action Point (Chairman): Write an advice saying that the PC endorses the EER.
7. Master EER 2023-2024 Part A, Faculty section

Textual comments about this EER will be sent to the PD.

Page 5, B2.2, first item
The chairman asks if the sentence "In-depth knowledge on a specific part of mathematics" has to be added. The PD was asked to distinguish part 1 of the bachelor EER from this item. The chairman thinks the word specialization seems better. Geerts suggests the sentence "in-depth knowledge of mathematics within a specialization". The PC agrees.

Page 6
The chairman thinks the comment can be removed. The M-coordinator agrees, it was more for internal discussion.

Page 7, 4.17
Geerts asks if you only complete the minor or also obtain a diploma when finishing ECB. The PD says you only get the degree, you do not graduate from ECB.

The M-coordinator discussed with the PD if we want students to follow both Intro to PDE and PDE. There was an internal discussion if we should add some footnotes saying that we advise picking only one of the courses. Geerts and Lanting think the nature of courses is very different and therefore a student can do both. Therefore, a footnote would not be necessary.

The chairman thinks the course Capita Selecta does not have to be explicitly mentioned here. Geerts suggests adding Capita Selecta to the list of courses, without including a course code. A footnote can be added for clarity. Then it is clear that it is a course. The M-coordinator agrees.

Page 8
The official name of the internship is Internship AM for the sake of consistency.

Page 9
Geerts thinks it would make more sense to make the first three courses compulsory for everyone and add subsections with the profile electives. The chairman says that it is a layout preference, and he thinks it is fine. Geerts asks how many tracks there are in Data Science. There are two, Al for Health or no track.

Page 11
Geerts refers to the line "Approval of the study programme when multiple small changes are requested". With multiple, do we mean more than one? The chairman thinks it is at the discretion of the M -coordinator to decide what is big and what is small.

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL
Page 13, 6.4
Geerts does not know what the graduation file is. The chairman says it is a file where any circumstances that the study advisor or examination board have to know of are registered. These would be things like burnout, depression, or physical health issues. Geerts says that he gets a different impression of this graduation file from this paragraph. For him, it reads like everyone has to make a diary and you have to hand it in with your thesis. The PD says that the AM programme would like to have special circumstances on file. The file is empty if there are no circumstances.

The chairman says that all changes are discussed, and he does not think there was anything beyond specific wordings and typos that will be sent to the PD. He suggests that he writes a positive advice. Does anyone disagree with this?
Geerts has a lot more questions about specific points of the EER, regarding phrasings and the meaning of certain paragraphs. For example, the paragraph on page 13, and the term "public presentation". He wants a student to be able to understand the EER. He has a lot of experience with these kinds of documents and even he is struggling to understand everything. He will send all comments to the PD.

Action point (chairman): Write a positive advice regarding the $\mathrm{M}-\mathrm{EER}$.
8. Composition of PC next academic year

The chairman will leave the PC as of September first. He has sent out an announcement, and one person has said he wants to be part of the PC. He might have to encourage certain people to get new members and to make sure the PC stays representative. Proksch will in principle continue when she returns from pregnancy leave. Schuller did not think about it yet.
The PD says that the PC members can either be elected or appointed. He would like to have the list of PC members completely updated. The faculty council preferred if we mentioned advisors from Abacus for instance.
The chairman says that he will find a new staff member. The terms of Proksch, Schuller, and Manthey will be continued. The recommendation of the faculty is to make all appointments until September first. However, some terms started in the middle of the year and staff is appointed for two years.

## 9. $A O B$ / Questions before closing the meeting

The B-coordinator asks if the action points are still sent explicitly. The chairman will ask Van der Kooij to do this again. The B-coordinator also asks where she can find the second panel evaluation. The chairman replies this item came late and he did not put it on the agenda.

## UNIVERSITEIT TWENTE.

## FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 23 SEPTEMBER 2023
OURREF: EEMCS23/BOZ/10927/NL
The PD says he will have a meeting with the Vice Dean about the WSV money. They have to discuss how we are spending this money. Right now we are spending money on developing Grasple, and the Data Science lab. The Data Science lab did not go as well due to the illness of Goseling. The extra computational power has been bought, the socalled Jupyter lab, but he wonders if the students know about this. The PC members say they did not. The PD explains that this is a server where you can run your code. This was apparently not communicated to the students.

Action point (PD): Inform students about Jupyter Lab.
10. Closure

The chairman closes the meeting at 17.25 .

Next meeting: not scheduled yet

| Nr | Description | Meeting | Responsible |
| :--- | :--- | :--- | :--- |
| 467 a | Draft a message for Boucherie, sent it to the PC members and <br> discuss it with the M-coordinator. The M-coordinator and the <br> chairman will send it to Boucherie. | $13 / 06 / 2023$ | Chairman |
| 477 | Write a positive advice regarding the M-EER. | $13 / 06 / 2023$ | Chairman |
| 478 | Communicate the composition of the PC for the next academic <br> year to Van der Kooij. | $13 / 06 / 2023$ | Chairman |
| 479 | Write opinion regarding resits in the holiday period | $13 / 06 / 2023$ | Chairman |
| 480 | Write an advice saying that the PC endorses the EER. | $13 / 06 / 2023$ | Chairman |
| 481 | Inform students about Jupyter Lab. | PD |  |

