

**Minutes 164th PC-AM (OLC-TW)-meeting
Tuesday 17th November 2020, 15:45 – 17:15 hr.
TEAMS meeting**

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Present: Hil Meijer (chairperson), Gjerrit Meinsma, Bodo Manthey Anouk Beursgens, Lavinia Lanting, Linda ten Klooster, Lisa van Dissel, Sem Geerts, Pranab Mandal (Programme Director), Jan Schut (M-Coordinator), Judith Timmer (B-Coordinator)(until 17:01), Ginnie Renz (making minutes)

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Absent: Aleida Braaksma

1. Opening

The chairperson opens the meeting at 15:50.

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2. Minutes 163rd meeting 15th September 2020

Page 3: Rephrase a sentence in point 8, about Complex Networks.

Page 5: Rephrase the first sentence in point 10, about Optimization Modelling

Action Points:

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350: done and to be removed from the list

369: done and to be removed from the list

372: done and to be removed from the list

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375: done and to be removed from the list

376: remains on the list

377: remains on the list

378: remains on the list

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369: The B-Coordinator talked with the module 2 coordinator, Jasper de Jong, about the schedule of the exams shortly before the plan for quartile 2 was published. He said that at that moment it was hard for him to change anything. PD says that to help with this situation, he moved the Analysis I exam to week 7 (from week 8). Van Dissel talked to students that take module 2, and they have said that there are 4 resits within 3 days. Staff tried to arrange the exams so that the first attempts are separated, and they think it is not this common to do all resits. On the opposite, Beursgens says that due to corona, it is more likely. Lanting continues that with corona, the dates of the resists are a bit of a problem, although without a corona, this should not be an issue. Chairman suggests inviting Jasper de Jong, the module 2 coordinator, in future to a meeting to talk about this rostering issue, when discussing the module evaluation too.

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[AP Chairman: To talk to module 2 coordinator about scheduling of the exam and to invite him to a meeting in the future.]

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45 3. Advices / correspondence

- Advice on Simultaneous Statistical Inference (160)
- Mail to Examination Board about exams Mathematical Optimization and Graph Theory (evaluation module 11)
- Mail from Examination Board about exams MO and GT
- 50 - Mail correspondence with Examination Board about duration double master's programme

The Examination Board has looked into the problem about the exams MO and GT. They have decided to discuss it first with the examiner. However, as the examiner is seriously ill at the moment, this process has been postponed.

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The Examination Board has emailed the Programme Committee about the duration of the double master's programme. It is not specified in the EER 2020-2021. Chairman says that a double master's programme can differ a lot, e.g. AM with Applied Physics or Technical Medicine, the latter taking substantially more time. Therefore it is hard to formulate precise rules. However, it would be reasonable to use the total number of ECs of a students' course list to set the maximal duration for this combined programme to be eligible for finishing it with cum laude. Chairman mentions that the Examination Board has the possibility to handle exceptions.

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[AP Chairman: Ask the examination board to use their authority to accept the exceptions to the rule.]

70 4. Announcements

The chairman announces Aleida Braaksma is not joining this meeting due to her maternal leave. She has also decided to quit the programme committee. The chairman will send an email to look for a new staff member.

[AP Chairman: Send an email to look for a new staff member.]

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The Programme Director explains that it has been decided that in Module 2, there are two full days of on-campus activities, the rest is online, and in Module 6, there are some on-campus activities (including lectures).

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Furthermore drawing tablets are being currently distributed. All students that are taking courses will get them, that includes master students as well.

The Open Days were last week. They happened online, and it went fine.

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There was a new master course in quartile 4, Optimal Transport. However, as the teacher is leaving, the course will not be available this year and will have to be replaced. The PD is talking to the Data Science track coordinator, Jasper Goseling, and teacher in Statistics

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Group, Johannes Schmidt-Hieber, to replace this course with something suitable or to find a new teacher who could teach this course.

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[AP M-Coordinator & PD: To discuss replacement/continuation of this course with the Data Science track coordinator and Johannes Schmidt-Hieber and to inform Data Science track students about the outcome and to adjust the Osiris description.]

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Since 1st September 2020 Bodo Manthey is a director of MasterMath. He points out that because of that, he is a bit in a loop, as he is part of this committee. It is generally agreed that within this committee, there are also other teachers, whose courses are being discussed and therefore, he is welcome to stay in this committee as well.

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Chairman has attended a meeting with the vice dean of education of the faculty together with chairs of other EEMCS Programme Committees related to the Quality Agreements for the WSV-money. There will be information provided about this, as it is still being finalized. During this meeting, the status of PC-websites, annual reports and ByLaws have been discussed as well.

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5. ByLaws Programme Committee Applied Mathematics (for approval)

This version of the document incorporates all the comments that the chairman found in the recordings and minutes of meetings from last year. There are no further comments about this. Each member agrees to this version of the ByLaws. The ByLaws come into effect now, and will be placed on the website.

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6. Evaluations modules 2019-2020

- Module 4: Signals and Uncertainty
Panel report 2

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It seems like something is missing, the line in one of the section ends with a capital 'A'. However, it is just a typo. Also, the final paragraph of the report appears to be about Collaboration, but it is not clear. Despite these textual remarks, it seems that teachers are getting better and more experienced with online teaching.

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[AP Chairman: To talk to Mirande van der Kooij about contact to the students that make the evaluation reports.]

- Module 8: Modelling and Analysis of Stochastic Processes for Math
Panel report 2

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Lanting followed this module last year. In her opinion, the evaluation reflects how the module was organised. She says the biggest problem is that in the stochastic project and the multidisciplinary project, students feel like they were not allowed to solve the assignment in a different way. Beurgens follows up on this and has the same opinion.

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[AP B-Coordinator: To talk to module 8 coordinator about freedom in the stochastic models and multidisciplinary project.]

- 135 - Module 12: Finalising Thesis – Bachelor’s Assignment
Panel report

140 Geerts mentions that for the past few years, students do not like the 5-minute pitches and they think not enough attention is given to the posters. The B-Coordinator explains that these 5 minutes provide an opportunity to present about the most interesting part of an assignment - it is not a presentation about the entire assignment. She also explains that this year it was a bit different and she has come up with a better format of these poster presentations if the corona situation persists.

145 **7. Evaluations modules 2020-2021**

- Module 1: Structures and Models
Panel report 1

The wrong module coordinators have been indicated. They have changed since last year.

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Furthermore, in addition to the report, Geerts says he has heard from some students that it would be nice to have a little MATLAB introductory lecture in addition to the assignments. Meinsma (who teaches this) does not think this is a good idea.

- 155 - Module 5: Statistics & Analysis
Panel report 1

8. Evaluations master courses

- Queueing Theory

160 No comments

- Complex Function Theory

No comments

- Time Series Analysis

No comments

- 165 - Spatial Statistics

In the evaluation, there are many comments about poor communication between students and teachers and also among the teachers. Ten Klooster says that many students were thinking of dropping the course. It was because they couldn't get any reply from the teachers (except Marie-Colette van Lieshout) and there was no feedback on the assignments they were doing. Therefore they had no idea if what they were doing was correct.

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Aside from negative remarks on the communication, there were also negative remarks on the oral exam of the course.

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180 In the reflection of the teachers, a student that made lots of negative remarks is not being taken seriously. The reflection is poorly done. Teachers do not recognize the comments that have been made by students and therefore, do not refer to them. It seems like students and teachers have different opinions on how this course was being taught. In the current reflection, teachers consider the students' remarks as unprofessional, and the PC-AM considers this unprofessional. The PC-AM would like to see a reflection of teachers that shows plans for improvements and motivation for the actions they think they should keep.

185 **[AP PD: To ask a new reflection form from the teachers of Spatial Statistics, ask the teachers to focus on the improvement of teaching in both cases: online/on-campus education.]**

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- Scientific Computing
No comments
 - Pioneers of Applied Mathematics
This will be discussed during the next meeting.
 - Applied Queueing Models
This will be discussed during the next meeting.

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9. Mastermath

- Agenda "OC-overleg" 2nd October 2020
- Minutes "OC-overleg" 11th October 2019
- Minutes "OC-overleg" 5th April 2019
- 200 - Draft Minutes "OC-overleg" 2nd October 2020

The documents have been read, and there are no additional comments.

10. AOB/ Questions before closing the meeting

205 There are no questions.

11. Closure

The meeting closes at 17:29. The next meeting is on 19th January 2021.

210 Action Points:

Nr	Description	Meeting	Responsible
376	To check why teachers are not aware they need to give lectures on the course Reflection on Mathematical Research 2.	15/09/2020	B-Coordinator
377	To discuss with the teacher how to make the course Reflection on Mathematical Research 2 more interesting for students.	15/09/2020	B-Coordinator

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378	To organize the evaluation of the MDS track in February/March 2021.	15/09/2020	M-Coordinator
379	To send an email to look for a new staff member	17/11/2020	Chairperson
380	To talk to module 2 coordinator about scheduling of the exam and to invite him to a meeting in the future.	17/11/2020	Chairperson
381	Ask the examination board to use their authority to accept the exceptions to the rule regarding the duration of a double degree programme for assigning cum laude.	17/11/2020	Chairperson
382	To discuss replacement/continuation of this course with the Data Science track coordinator and Johannes Schmidt-Hieber and to inform Data Science track students about the outcome and to adjust the Osiris description.	17/11/2020	M-Coordinator and Programme Director
383	To talk to Mirande van der Kooij about contact to the students that make the evaluation reports.	17/11/2020	Chairperson
384	To talk to module 8 coordinator about freedom in the stochastic models and multidisciplinary project.	17/11/2020	B-Coordinator
385	To ask a new reflection form from the teachers of Spatial Statistics, ask the teachers to focus on the improvement of teaching in both cases: online/on-campus education.	17/11/2020	Programme Director