

## Minutes 160<sup>th</sup> PC-AM (OLC-TW)-meeting

Tuesday 21 April 2020, 15:45 hr.

### BlueJeans Meeting

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10 *Present:* Hil Meijer (chairperson), Julio Backhoff (until 16:07), Bodo Manthey, Gjerrit Meinsma (from 16:10), Katherina Proksch (replacing Aleida Braaksma), Sem Geerts, Linda ten Klooster, Lavinia Lanting, Lotte Weedage, Pranab Mandal(Programme Director), Jan Schut (M-Coordinator), Judith Timmer (B-Coordinator, from 15:59 until 17:24), Ginnie Renz (making minutes)

15 *Absent:* -

#### 1. Opening

The chairman opens the meeting at 15:50.

#### 2. New master course

20 - Optimal Transport (Backhoff has been invited to join the meeting)  
Weedage says that, as discussed last meeting, the level of this course appears to be a bit too high for a master course. Backhoff answers that eventually everything can be done with matrices in a discrete setting. So, Linear Algebra is sufficient previous knowledge for this course. He says the proofs will be adapted to that level, and that  
25 should address the PC's concern. The chairman asks Backhoff to give his view on how this course fits in the Data Science track. He says he looked into the possible schedule and found a time in the academic year when it is possible to give the course. The chairman suggests to spend more time on applications than sketched as students will like that. The PC agrees to adopt this course.

30 **[AP Chairman: write positive advice about Optimal Transport.]**

Backhoff leaves at 16:07.

#### 3. Minutes 159<sup>th</sup> meeting 3 March 2020

35 Line 32: discuss during PC-AM meeting only  
Line 52: TER to be  
Line 68: too must be deleted  
Lines 91-94: have overlap with (line 94), move it all to line 81  
Line 87: OT – optimal transport

#### 40 **Action points:**

335: stays

350: stays

351: stays

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- 45           352: stays  
              354: stays  
              355: stays, to be organised in May  
              356: stays  
              357: done and to be removed from the list  
50           358: to be removed from the list  
              359: stays  
              360: to be removed from the list

357: PC-AM concludes that the perspective of students differs from perspective of the teachers, hence things stay as they were.

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#### 4. Advices / correspondence

- Correspondence with Mastermath  
[AP PD: – to talk to Uetz about TA's for the master.]  
[AP PD: – to discuss and propose a policy about the master students being TA's for  
60 master courses.]

#### 5. Announcements

The PD has sent information to the PC about how Module 3 and Module 7 went due to the Corona crisis and what has come up from that. The student-members are asked  
65 how they have experienced these modules. Lanting says that it is tiring, but the teachers are doing the best they can. Meinsma asks about examination. The chairman says that every student that cannot take an online exam due to any reasons, is going to be given a paper exam opportunity once the UT opens.

#### 6. TER Master AM 2020-2021

- List of changes made in MSc TER  
*The comments on those changes are as follows:*  
Part A:  
75 A.1.2.0: The chairman has a question about the definition of the faculty board. He suggests to specify it to only those people that have to do with education, like dean or vice-dean.  
A.5.3.2: Geerts asks whether getting a nine, means getting 8.5 or 9.0. It is 9.0. Geerts suggestion to change it to 9.0 will be communicated.  
Part B:  
80 B.6.2.b: The chairman asks about the term "Senior examiner". It is not defined that this is a full professor and that implies that an assistant professor could also be included with this definition. The PD says that this is indeed possible. The chairman then suggests to make it clear that the Examination Board appoints the Senior Examiner.  
85  
- TER Master's degree programmes EEMCS  
*The following comments are made about this document:*

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- 90 Page 5: no comments  
Page 6: no comments  
Page 7: no comments  
Page 8: no comments  
Page 9: A.2.5.5: The chairman suggests to specify that the time to appeal is six weeks from the date of sending the advice.
- 95 Page 10: no comments  
Page 11: no comments  
Page 12: The chairman say that at the bottom of the page the senior examiner is mentioned, he suggests to clarify the definition of the senior examiner, "i.e. as appointed by the examination board".
- 100 Page 13: no comments  
Page 14: The chairman says that grades should be always written with dots, instead of commas (9.0 instead of 9,0).
- 105 Page 15: no comments  
Page 16: no comments  
Page 17: no comments  
Page 18: no comments  
Page 19: no comments  
Page 20: no comments  
Page 21: no comments
- 110 The PC-AM members are asked to send all their suggestion about the textual errors to the chairman, who will make a list of sent suggestion about this document and will send it to the PD and the faculty board.
- 115 - EER Master Applied Mathematics with track changes  
*The following comments are made about this document:*  
Page 4: no comments  
Page 5: no comments  
Page 6: no comments  
Page 7: no comments  
120 Page 8: The table for AM in year 2 mentions "Internship", but in Osiris it is listed "Traineeship for AM". This will be adapted to "Traineeship" to reflect the course as it is in Osiris.  
As the course *Random Signals and Filtering* will not be taught anymore (also removed from the list of bachelor electives), the PD suggests to remove the course from the list.
- 125 Page 9: B4.6: The chairman says that about the double degree programme, it says "total of 180EC", but this should be changed to "total of minimally 180EC"
- 130 Page 10: Weedage asks about the point B.4.7. It is now changed that it is needed to decide on all your courses at the beginning of the study, Weedage is worried about this. Schut says that there is no objection

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to later changes. It is furthermore suggested to change “beginning” to “within the first quartile after enrolling into the master”.

Page 11: no comments

135 Page 12: no comments

Page 13: no comments

Page 14: no comments

Page 15: no comments

Page 16: no comments

140

Manthey asks about the list of courses on the page 7, whether it consists of all courses that are taught. A course he is teaching, i.e. “Limits to Computing”, is not there. Schut says he will include the course in the list.

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The chairman will make a list of typo’s and suggestions and he will send an email that it has a negative recommendation from the PC-AM, unless those suggestion are included, then it is a positive recommendation.

**[AP Chairman:** Write an advice including all changes (part B for consent) and recommendations (for part A).]

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## 7. Bachelor AM programme under TOM 2.0

- Vision of the management team BSc-AM
- Concept curriculum AM 2020 TOM 2.0

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On the 22<sup>nd</sup> of April 2020 there will be a meeting during the lunch of the module coordinator with the PDs and chairs of the PC of AM and TCS, as well as the EEMCS-vice dean for education to discuss whether Module 7 should be coherent or integrated. The PD prefers Module 7 to be coherent. Ten Klooster and Lanting agree for this module to be coherent. Lanting suggests that maybe some parts of this module, like Discrete Mathematics and Algorithms and Data Structures, could stay integrated. To summarize, PC-AM would like the module 7 to be coherent.

160

The PC discusses the options for requirements for the Binding Study Advice. For a positive BSA, the suggestion is that one needs 45EC, at least two modules in total and additional requirements are to pass at least two out of the following: Linear Structures 1, Linear Structures 2 and Analysis 1.

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Ten Klooster asks about the compensation rules. In this document, it is specified that in each year at most one 5.0 can be waived, while at this moment there are additional restrictions for Analysis 1 and Analysis 2, i.e. average grade to be 5.5, and for Probability and Statistics, the average grade also has to be above 5.5. The PC agrees that this specified compensation rules about Analysis 1 and 2 and Probability and Statistics should be kept.

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- Description Modules (not discussed because of time)

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## 8. Evaluations (not discussed because of time)

- Module 2 2019-2020 Panel discussion 2
- Module 3 2019-2020 Panel discussion 1

## 180 9. Corona crisis: online examinations (not discussed because of time)

From Katharina Proksch: At the moment, I am only involved in service teaching but for me, other teachers and I believe also for the students this really is a burden and I would like to hear the maths student's view on this and discuss options, in case the Corona crisis will go on for longer.

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## 10. BSc/MSc separation (Harde Knip) with softer requirements due to Corona crisis (not discussed because of time)

## 11. AOB / Questions before closing the meeting

## 12. Closure

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The chairman closes the meeting at 17:49.

### Action Points:

Nr	Description	Meeting	Responsible
335	Inquire about the skewed workload distribution in the Reflection-course in module 11.	04/06/2019	B-Coordinator
350	Discuss changes with lecturers of analytical programming course.	21/01/2020	Chairman
351	Discuss the grading system of module 8 with module coordinator.	21/01/2020	Programme Director
352	Discuss the course evaluation system with the PD.	21/01/2020	Chairman
354	Remind the new PD to organize a presentation skills workshop for the new teachers	21/01/2020	Chairman
355	To organize the evaluation about the data science track	03/03/2020	M-Coordinator
356	To make sure new lecturer gets the evaluation from the statistics course from module 5.	03/03/2020	Programme Director
359	To talk to teachers from Introduction to Mathematical Analysis.	03/03/2020	M-Coordinator
361	To talk to Mark Uetz about TA's for the master.	21/04/2020	Programme Director
362	To discuss and propose a policy about the master students being TA's for master courses	21/04/2020	Programme Director
363	To change the internship to traineeship in Osiris description.	21/04/2020	Programme Director
364	To write a positive advice about the Optimal Transport	21/04/2020	Chairman
365	To write an advice about the Master Ter	21/04/2020	Chairman