

## Agenda

Faculty Council of the Faculty of Science, Forestry and  
Technology

Meeting No 6/2025

Meeting date 18 June 2025

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**Date and time** 18 June 2025, 13:00 - 15:00

**Place** Hybrid, teams, M302 Joensuu, SN216 Impakti, Kuopio

Participants	Role	Additional information
Members		
Lehtinen Kari	Dean, Chair	
Hauta-Kasari Markku	1st Vice Dean, Vice Chair	
Kukkonen Jussi	2nd Vice Dean	
Hujala Teppo	Professor, member	
Tuittila Eeva-Stiina	Professor, deputy member	
Lehto Vesa-Pekka	Professor, member	
Kuittinen Markku	Professor, deputy member	
Jänis Janne	Professor, member	
Pumpanen Jukka	Professor, deputy member	
Berninger Frank	Professor, member	
Tedre Matti	Professor, deputy member	
Miettinen Pauli	Professor, member	
Toivanen Pekka	Professor, deputy member	
Tanska Petri	Other staff, member	
Haapala Antti	Other staff, deputy member	
Mononen Maini	Other staff, member	
Turunen Mikael	Other staff, deputy member	
Virrantalo Tarja	Other staff, member	

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Kopra Juho	Other staff, deputy member
Pohjoismäki Jaakko	Other staff, member
Asikainen Mervi	Other staff, deputy member
Vainikainen Hanne	Other staff, member
Kumlin Timo	Other staff, deputy member
Merruntaus Kati	Student, member
Ahtonen Tiina	Student, deputy member
Palkovuori Teemu	Student, member
Törö Teemu	Student, deputy member
Partanen Silja	Student, member
Miettinen Mikko	Student, deputy member
Jankova Simona	Student, member
Rautiainen Kaisa	Student, deputy member
Helvelahti Tomi	Student, member
Sheng Li	Student, deputy member
Hirvonen Arja	Executive Head of Administration, secretary, preparer

Other preparers

Merimaa-Piirainen Maarit    Head of Academic Affairs

Riikka Levänen

Niina Laatikainen

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5	Description of the post of Professor, Embedded Systems, and the Dean's proposal to invite Professor (non- tenured) Leo Kärkkäinen to the post. Hearing of the Faculty Council	14
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**1****Opening of the meeting**

The chair will open the meeting.

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**2****Legitimacy and presence of a quorum**

In accordance with the UEF University Regulations, meeting notices of a multi-member administrative body must be sent at least seven days prior to the meeting, unless the administrative body has decided otherwise.

The meeting notice was sent on 11 June 2025.

According to the UEF University Regulations, multi-member administrative bodies of the university have a quorum when at least half of the members, including the chair, are present. By the decision of the chair, a multi-member administrative body can hold its meeting by email or, either fully or in part, via a video conference, telephone, or some other remote participation means. The chair has decided that the meeting be organised as a hybrid meeting.

**Motion**      The meeting is deemed lawful and quorate. The agenda is approved.

**Decision**

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Record entry 670/01.08.00/2025

Prepared by Arja Hirvonen

### **3**

#### **Awarding the title of docent in the field of Aerosols and Their Regional Climate Impacts**

PhD Joonas Merikanto has applied for the title of docent in the field of Aerosols and Their Regional Climate Impacts at the Department of Technical Physics of the Faculty of Science, Forestry and Technology of the University of Eastern Finland. PhD Joonas Merikanto's application and related attachments are enclosed with the agenda item as annexes.

Professor Ville Kolehmainen, Deputy Head of the Department of Technical Physics, supported PhD Merikanto's application for the title of docent in his statement dated 20 May 2025 (Annex).

In accordance with section 89 of the Universities Act 558/2009, the university may award the title of docent upon application to a person who has comprehensive knowledge of his or her own field, a capacity for independent research or artistic work demonstrated through publications or in some other manner, and good teaching skills.

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According to section 9(8) of the University Regulations of the University of Eastern Finland, the Faculty Council shall decide on awarding the title of docent.

According to the Faculty's guidelines of 25 June 2024 (page 3), a statement shall be requested, where required, on the applicant's scientific qualification from two external experts. PhD Joonas Merikanto's application lists his merits as an independent researcher and shows that he has established his own line of research. Research in the field of the present docentship has been systematic and is still active. This is demonstrated, e.g., by the applicant's contribution to the key journals that are relevant to the present docentship. Based on Merikanto's scientific merits, the Dean decided on 14 March 2025 that an external evaluation procedure is not required to verify his scientific qualification.

A person to be awarded the title of docent is required to have good teaching skills (Universities Act 558/2009, section 89). The Dean may exempt the applicant from the requirement to give a trial lecture, provided that the applicant's teaching skills have been verified earlier. Based on the information contained in PhD Joonas Merikanto's application for the title of docent, he has diverse experience of university-level teaching and supervision gained between 2002 and 2024, and demonstrated achievements in teaching planning. On the basis of the above, the Dean decided on 21 May 2025 that PhD Joonas Merikanto does not need to give a trial lecture for the title of docent he has applied for.



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**Motion**

The Faculty Council states that PhD Joonas Merikanto meets the criteria set out in the Universities Act for the title of docent and grants him the title of docent at the University of Eastern Finland in the field of Aerosols and Their Regional Climate Impacts as of 1 July 2025.

**Decision**

## Annexes

- |         |  |
|---------|--|
| Annex 1 | Docent Application_JMerikanto_2025 (003) |
| Annex 2 | Statement of the department, Merikanto   |

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Record entry 5212/01.01.02/2024

Prepared by Arja Hirvonen

## **4**

### **The Dean's proposal on the person to be appointed to the post of Professor/Associate Professor, Computational Science. Hearing of the Faculty Council**

According to section 10 of the University Regulations of the University of Eastern Finland, the Dean shall make proposals to the Rector on the persons to be appointed to professorships with a term of two years or over, to permanent teaching and research positions compliant with the four-stage research career model, and to Tenure Track positions after hearing the Faculty Council.

The call for applications to the post of Professor in the field Computational Science ended on 30 October 2024. A total of 32 applicants submitted their application to the post by the deadline. A list of applicants can be found in the selection memorandum.

Regarding the post of professor: In accordance with section 31 of the Universities Act (558/2009), statements must be requested before the appointment on the qualification and merits of the applicants or the person to be invited to the post in question from a minimum of two experts when the person is being recruited for an employment relationship that will be effective until further notice or for a fixed period of at least two years. Sections 27–29 of the Administrative Procedure Act

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on disqualification shall be applied to the experts. Where required, the selection, scope of work and duties of the experts shall be defined in the UEF University Regulations.

Expert statements on the qualification and merits of Mikko Karttunen for the post of Professor, Computational Science, were requested from the following persons: Professor Simo Särkkä (Aalto University) and Professor Hanna Vehkamäki (University of Helsinki). Expert statements are enclosed with this agenda item as annexes.

Expert statements on the qualification and eligibility of PhD Hang-Hyun Jo and Timo Lähivaara for the post of Associate Professor, Computational Science, were requested from the following persons: Professor Ilpo Vattulainen (University of Helsinki) and Professor Simon R. Arridge (University College London). Expert statements are enclosed with this agenda item as annexes.

The Appointments Committee of the post of Professor/Associate Professor, Computational Science, was as follows: Vice Dean Markku Hauta-Kasari as Chair and Dean Kari Lehtinen, Professor Antti Haapala from the Department of Chemistry and Professor Leo Kärkkäinen from the Department of Technical Physics as members. Executive Head of Administration Arja Hirvonen acted as the administrative expert.

According to section 31 of the University Regulations of the University of Eastern Finland, a person to be appointed to a permanent professorship

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or to a professorship that lasts for over two years shall be scientifically or artistically qualified, have good teaching skills and, if important for the successful performance of their duties, have practical knowledge of the scope of the post.

The Appointments Committee proposes unanimously that Professor Mikko Karttunen be appointed to the post of Professor, Computational Science, as of 1 September 2025 or as agreed until further notice. Research Director Timo Lähivaara will be the second-choice candidate with the title of Associate Professor. The second-choice appointment of Lähivaara will be implemented as the actual recruitment because Professor Karttunen succeeded excellently in the ELLIS-PI call for applications, and subsequently the funding of the professorship that is currently being prepared will be organised as part of this entity. The selection memorandum is enclosed with this agenda item as an Appendix.

The Dean proposes to the Rector that Professor Mikko Karttunen be appointed to the post of Professor, Computational Science, as of 1 September 2025 or as agreed until further notice, and that Research Director Timo Lähivaara be appointed to the post of Associate Professor, Computational Science, in particular applied artificial intelligence, as of 1 July 2025.

Karttunen and Lähivaara's CVs, lists of publications and teaching portfolios are enclosed with this agenda item as annexes.

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**Motion**      The Faculty Council will address the proposal on the persons to be  
appointed to the computational science posts.

## Decision

### Annexes

Annex 3	Selection memorandum
Annex 4	Expert statements Simo Särkä and Hanna Vehkamäki
Annex 5	Expert statements by Simon Arridge and Ilpo Vattulainen
Annex 6	Mikko Karttunen's CV, list of publications and teaching portfolio
Annex 7	Timo Lähivaara's CV, list of publications and teaching portfolio

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Record entry 799/01.01.02/2025

Prepared by Arja Hirvonen

## 5

### **Description of the post of Professor, Embedded Systems, and the Dean's proposal to invite Professor (non-tenured) Leo Kärkkäinen to the post. Hearing of the Faculty Council**

The faculty's human resources plan includes the filling of a professorship in embedded systems. The post will be hosted by the Department of Technical Physics at the Faculty of Science, Forestry and Technology. It is proposed that Professor (non-tenured) Leo Kärkkäinen be invited to the post as of 31 August 2025 until further notice. The funding for the post is based on donated funds in the field of Technology (City of Kuopio).

The Professorship has been prepared by the Appointments Committee in the field of Technology, the basic composition of which is Vice Dean, Professor Markku Hauta-Kasari (Chair); Dean Kari Lehtinen; and Head of Administration Arja Hirvonen as Administrative Expert. As regards this post, the committee was complemented by Professor Tanja Tarvainen from the Department of Technical Physics as an expert.

Kärkkäinen's CV, teaching portfolio and list of publications are enclosed with this agenda item as annexes.

According to section 33 of the Universities Act (558/2009), the professorship may be filled by invitation without a public notice of vacancy when an

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academically distinguished person is being invited to take the position or a candidate is appointed to the position for a fixed period. Only a person who indisputably fulfils the qualification requirements may be appointed to the post by invitation.

According to section 31 of the University Regulations of the University of Eastern Finland, a person to be appointed to a permanent professorship or to a professorship that lasts for over two years shall be scientifically or artistically qualified, have good teaching skills and, if important for the successful performance of their duties, practical knowledge of the scope of the post.

According to section 10 of the University Regulations of the University of Eastern Finland, the Dean will decide on the scope and specifications of the professor's position after consulting the Faculty Council. The Dean will decide whether the professor is required to have practical knowledge of the scope of the post.

The Dean will make a proposal to the Rector on a person to be appointed as a professor for two years or more after consulting the Faculty Council.

The description of the post of Professor, Embedded Systems, includes the scope and specifications of the post as required by the UEF University Regulations, and a proposal on the person to be invited to the post. A draft description of the post is enclosed with this agenda item as an appendix. A successful candidate must have sufficient practical familiarity with one of the

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key application areas of embedded systems specified in the description of the post.

The person proposed to be invited to the post has accepted the description and specifications of the post.

**Motion** The Faculty Council will discuss the description of the post of Professor, Embedded Systems, and the Dean's proposal on the person to be invited to the post.

## **Decision**

### Annexes

- |         |   |
|---------|---|
| Annex 8 | Leo Kärkkäinen's CV, teaching portfolio, and list of publications |
| Annex 9 | Draft description of the post                                     |



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Record entry 388/01.01.03/2025

Prepared by Arja Hirvonen

## 6

### **The proposal of the Head of the School of Computing on the person to be appointed to the post of University Teacher, Statistics. Hearing of the Faculty Council**

According to section 9 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent teaching and research staff and Tenure Track positions.

The description of the post of University Teacher/University Lecturer in Statistics was approved at the meeting of the Faculty Council of the Faculty of Science, Forestry and Technology on 19 March 2025.

The post will be hosted by the School of Computing at the Faculty of Science, Forestry and Technology on the Joensuu campus.

An open call for applications was organised for the post. A total of 7 applicants applied to the post by the deadline of 21 April 2025: MSc Jani Rannanpää, PhD Oluwafemi Samson Balogun, MSc Merri Markkanen, PhD Kasper Kansanen, PhD Markku Kuismin, PhD Rosa Gonzalez Hautamäki and MSc Juho Kettunen.

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Professor Markku Tukiainen, Head of the School of Computing, proposes in the summary of his selection memorandum that MSc Juho Kettunen be appointed to the vacant post as from 1 August 2025 until further notice as University Teacher. The Deputy Head of the School, University Lecturer Erkki Pesonen and Lecturer of Statistics PhD Juho Kopra, who interviewed the applicants, propose that MSc Juho Kettunen be exempted from the requirement to give a trial lecture, taking into account his extensive teaching and supervision experience.

The selection memorandum and Kettunen's CV, teaching portfolio and list of publications are enclosed with the agenda item as annexes.

A person to be appointed as a university teacher must hold a suitable higher university degree and have good practical familiarity with the domain as well as good teaching skills.

The Dean of the faculty has exempted MSc Juho Kettunen from the requirement to give a trial lecture on the grounds that he has sufficient practical experience in university-level teaching and, therefore, the good teaching skills required by the post of a university teacher have been demonstrated.

MSc Juho Kettunen meets the qualification requirements of a university teacher referred to in the University Regulations and the prerequisites laid down in the specifications of the post.

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The Dean of the Faculty will hear the Faculty Council on a proposal of the  
Head of the School regarding the filling of the post of University Teacher,  
Statistics

**Motion**

The Faculty Council will address the proposal on the person to be  
appointed to the post.

**Decision****Annexes**

- |          |   |
|----------|---|
| Annex 10 | Selection memorandum, Statistics                                    |
| Annex 11 | Juho Kettunen's CV, teaching portfolio, and list of<br>publications |

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Record entry 400/01.01.03/2025

Prepared by Arja Hirvonen

## **7**

### **The proposal of the Head of the School of Computing on the person to be appointed to the post of University Lecturer, Computer Science. Hearing of the Faculty Council**

According to section 9 of the University Regulations of the University of Eastern Finland, the Faculty Council will discuss proposals regarding the scope and specifications of posts that comply with the four-stage career model of the faculty's permanent teaching and research staff and Tenure Track positions.

The description of the post of University Lecturer, Computer Science, was approved at the meeting of the Faculty Council of the Faculty of Science, Forestry and Technology on 19 March 2025.

The post will be hosted by the School of Computing at the Faculty of Science, Forestry and Technology on the Kuopio campus.

An open call for applications was organised for the post. A total of 2 applicants applied to the post by the deadline of 21 April 2025: PhD Ana Gebejes and PhD Janne Tyni.

Professor Markku Tukiainen, Head of the School of Computing, proposes in the summary of his selection memorandum that PhD Janne Tyni be

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appointed to the vacant post as from 1 August 2025 or as agreed until further notice. Deputy Heads of the School, University Lecturer Erkki Pesonen and Lecturer Simo Juvaste propose that PhD Janne Tyni be exempted from the requirement to give a trial lecture, taking into account that he has been a responsible teacher on several courses and has completed pedagogical studies.

The selection memorandum and Tyni's CV, teaching portfolio and list of publications are enclosed with the agenda item as annexes.

Persons to be appointed as University Lecturers must hold a suitable doctoral degree and have good teaching skills (University Regulations, section 31). The person to be appointed to the position is expected to be fluent in Finnish and be able to also teach in English where required.

The Dean of the faculty has exempted PhD Janne Tyni from the requirement to give a trial lecture on the grounds that he has sufficient practical experience in university-level teaching and, therefore, the good teaching skills required by the post of a university lecturer have been demonstrated.

PhD Janne Tyni meets the qualification requirements of a university lecturer, as referred to in the UEF University Regulations, and the prerequisites laid down in the specifications of the post.

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The Dean of the Faculty will hear the Faculty Council on a proposal of the Head of the School regarding the filling of the post of University Lecturer, Computer Science.

**Motion**

The Faculty Council will address the proposal on the person to be appointed to the post.

**Decision****Annexes**

- |          |   |
|----------|---|
| Annex 12 | Selection memorandum, computer science 2025                   |
| Annex 13 | Janne Tyni's CV, teaching portfolio, and list of publications |

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Record entry No 795/03.00.01/2025

Prepared by Maarit Merimaa-Piirainen

**8****Data technology education**

On 23 January 2025, the Ministry of Education and Culture issued a decision amending the Annex to the Decree on University Degrees and Specialisation Education (1451/2014) (273/2023). The amendment grants the University of Eastern Finland the educational responsibility for data technology education in information and communication technology education as from 1 August 2026.

In addition, the Ministry of Education and Culture issued a Decree on 23 January 2025 amending the Annex to the Decree of the Ministry of Education and Culture on the distribution of educational responsibilities between universities, which specifies the organisation of educational responsibility for education in Finnish and English (Universities Act 558/2009, section 11, the language of instruction and examination).

**Motion**

The Faculty Council will decide on the launch of Bachelor's and Master's level education in data technology in Finnish and English as from 1 August 2026 in accordance with the enclosed description.

**Decision**



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### Annexes

Annex 14

Data technology education



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Record entry 5572/03.01.00/2024

Prepared by Maarit Merimaa-Piirainen

**9****Approval of the standing orders of the education provided by the Faculty of Science,  
Forestry and Technology**

According to section 9 of the UEF University Regulations, the Faculty  
Council shall decide, among others, on curricula.

Standing orders have been prepared by the Faculty of Science, Forestry  
and Technology for the education provided by the faculty.

The share of Bachelor's and Master's level education has been prepared in  
collaboration with the persons responsible for education and the staff of  
education services, as well as by the Development Committee for  
Education. The share of further education has been recorded in the  
curriculum and admission criteria of Lumeto.

**Motion**

The Faculty Council will confirm the standing orders in accordance with  
the appendix.

**Decision**

Annexes

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Annex 15	Standing orders LUMET 2025
Annex 16	Language of thesis abstract and maturity test 2025
Annex 17	The Faculty of Science, Forestry and Technology, Examination guidelines 6 June 2024
Annex 18	Instructions for the use of AI 2025

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Record entry No 797/03.00.01/2025

Prepared by Maarit Merimaa-Piirainen

## **10**

### **Student admission criteria for the separate right to study intermediate studies in Biology subject to a fee (MEO) at the Open University**

According to section 9 of the University Regulations of the University of Eastern Finland, the Faculty Council shall make decisions concerning curricula, degree requirements and student admission criteria. The admission criteria and admission periods for intermediate studies in Biology are enclosed with this agenda item as annexes. The admission criteria have been prepared by the Department of Environmental and Biological Sciences and the Centre for Continuous Learning.

**Motion** The Faculty Council will approve the admission criteria as set out in the Appendix.

## **Decision**

## **Annexes**

Annex 19

Intermediate studies in Biology (MEO) 2025–2028

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Record entry 60/03.04.09/2025

Prepared by Niina Laatikainen

## 11

### **Grading MSc Jenni Ikonen's doctoral dissertation in the field of Environmental Science**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Jenni Ikonen's doctoral dissertation and study [Physico-chemical and optical real-time monitoring expressing microbial drinking water quality](#) was examined publicly on 16 May 2025. The opponent, Associate Professor Anna Mikola (Department of Built Environment, Aalto University), is in favour of the doctoral dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an Annex.

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According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

### **Motion**

Based on the statement, the Faculty Council grades MSc Jenni Ikonen's doctoral dissertation as Pass.

### **Decision**

### **Annexes**

Annex 20

Opponent Anna Mikola's statement

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Record entry 60/03.04.09/2025

Prepared by Niina Laatikainen

## 12

### **Grading MSc (Agr. & For.) Ville karjalainen's doctoral dissertation in the field of Forestry**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc (Agr. & For.) Ville karjalainen's doctoral dissertation and study [Critical aspects in trafficability of forest terrain and gravel roads](#) was examined publicly on 30 May 2025. The Opponent, docent Tuomo Kauranne (Arbonaut Oy, Joensuu), is in favour of the doctoral dissertation being approved as a thesis for a doctoral degree in Agriculture and Forestry and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an Annex.

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According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

**Motion**

Based on the statement, the Faculty Council grades MSc (Agr. & For.) Ville Karjalainen's doctoral dissertation as Pass.

**Decision****Annexes**

Annex 21

Opponent Tuomo Kauranne's statement

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Record entry 60/03.04.09/2025

Prepared by Niina Laatikainen

## 13

### **Grading MSc Bilour Khan's doctoral dissertation in the field of Applied Physics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Bilour Khan's doctoral dissertation and study [Articular cartilage optical properties vary with tissue depth and integrity](#) was examined publicly on 16 May 2025. The opponent, Docent Aliaksandr Bykau (Optoelectronics and Measurement Techniques Research Unit, University of Oulu) is in favour of the doctoral dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an Annex.



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According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

**Motion**

Based on the statement, the Faculty Council grades MSc Bilour Khan's doctoral dissertation as Pass.

**Decision****Annexes**

Annex 22

Opponent Aliaksandr Bykau's statement

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Prepared by Riikka Levänen

## 14

### **Grading MSc Yan Liu's doctoral dissertation in the field of Mathematics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Yan Liu's doctoral dissertation and study [Studies on meromorphic solutions of delay differential equations and on analytic solutions of difference equations](#) was examined publicly on 20 May 2025. The opponent, Associate Professor VZinelaabidine Latreuch (Department of Mathematics, Sultan Qaboos University, Sultanate of Oman) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an Annex.

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According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

**Motion**

Based on the statement, the Faculty Council grades MSc Yan Liu's doctoral dissertation as Pass.

**Decision****Annexes**

Annex 23

Opponent Zinelaabidine Latreuch's statement

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Record entry 60/03.04.09/2025

Prepared by Niina Laatikainen

## 15

### **Grading MSc Irfan Muhammed's doctoral dissertation in the field of Applied Physics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Irfan Muhammed's doctoral dissertation and study [Modelling Aerosol Effects on Climate: From Organic Volatiles to Cloud Interactions and Radiative Forcing](#) was examined publicly on 28 May 2025. The opponent, Senior Lecturer Pontus Roldin (Department of Physics, Lund University, Sweden) is in favour of the doctoral dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the doctoral statement, which is enclosed with this agenda item as an Annex.

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According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

**Motion**

Based on the statement, the Faculty Council grades MSc Irfan Muhammed's doctoral dissertation as Pass.

**Decision****Annexes**

Annex 24

Opponent Pontus Roldin's statement

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Prepared by Niina Laatikainen

## 16

### **Grading MSc Lejish Vettikkat Parameswaran's doctoral dissertation in the field of Applied Physics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 32 of the Education Regulations, dissertations are graded on the scale pass with distinction, pass, and fail.

MSc Lejish Vettikkat Parameswaran's doctoral dissertation and study [Ecosystem-scale Emissions of Biogenic and Agricultural Aerosol Precursors Into the Boreal Atmosphere](#) was examined publicly on 23 May 2025. The opponent, Professor Steffen M. Noe (Institute of Forestry and Engineering, Estonian University of Life Sciences, Estonia) is in favour of the doctoral dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass with distinction. One of the preliminary examiners of the dissertation, Research Professor Hannele Hakola (Finnish Meteorological Institute) agrees with the opponent on the proposed grade, but the second preliminary examiner, Research Professor Janne Rinne (Natural Resources Institute Finland), disagrees.

According to section 44 of the Universities Act (24.7.2009/558), before a doctoral dissertation is graded, the author must be given an opportunity

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to submit his or her response to the preliminary examiner's, the examiner's or the opponent's statement. The doctoral candidate has no comments on the statements of the opponent and the preliminary examiners, which are enclosed with this agenda item as appendices.

According to section 29 of the Universities Act (24.7.2009/558), a study attainment may be assessed only by those members or deputy members of a multi-member administrative body who have a degree or completed study attainments of an equivalent level or who have been appointed professors.

**Motion** Based on the statements, the Faculty Council grades MSc Lejish Vettikkat Parameswaran's doctoral dissertation as Pass.

## Decision

## Annexes

Annex 25	Opponent Steffen M. Noe's statement
Annex 26	The opinion of preliminary examiner Hannele Hakola on the proposed grade Pass with distinction
Annex 27	The opinion of preliminary examiner Janne Rinne on the proposed grade Pass with distinction

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### For information

Statistics on the faculty's Bachelor's, Master's and Doctoral degrees on 10 June 2025 (Annex).

International evaluation - self-evaluation report: Master of Science in Imaging and Light in Extended Reality (IMLEX), Erasmus Mundus Joint Master Programme. Based on the [European Approach for Quality Assurance of Joint Programmes](#) (Annex)

Topical faculty matters.

**Motion** Marked for information.

### Decision

#### Annexes

Annex 28 Degree Statistics 10 June 2025

Annex 29 2025\_self-evaluation-report\_IMLEX\_for-approval



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**Closing of the meeting**

The chair will close the meeting.

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**19****Translation of the agenda/minutes**

The English translation of the agenda/minutes of the meeting is attached  
to the agenda item.