

## Minutes

Faculty Council of the Faculty of Science, Forestry and  
Technology  
Meeting No 7/2023  
Meeting date 25 August 2023

1 (24)

**Date and time** 25 August 2023, 12.00-12.40

**Place/venue** Teams

Participants	Role	Present at the items of the meeting
Members		
Lehtinen Kari	Dean, Chair	1-11
Hauta-Kasari Markku	1st Vice Dean, Vice Chair	1-11
Kukkonen Jussi	2nd Vice Dean	1-11
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	1-11
Tuomela Jukka	Professor, deputy member	
Tanska Petri	Other staff, member	1-11
Haapala Antti	Other staff, deputy member	
Mononen Maini	Other staff, member	
Turunen Mikael	Other staff, deputy member	1-11
Virrantalo Tarja	Other staff, member	1-6 and 9-11

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Kopra Juho	Other staff, deputy member	
Pohjoismäki Jaakko	Other staff, member	1-11
Asikainen Mervi	Other staff, deputy member	
Vainikainen Hanne	Other staff, member	
Kumlin Timo	Other staff, deputy member	1-11
Kortelainen Jenni	Student, member	
Miettinen Ville	Student, deputy member	
Kipriianov Pavel	Student, member	
Ovaskainen Juha-Matti	Student, deputy member	
Pitkänen Teppo	Student, member	1-6 and 9-11
Mudashiru Busurat	Student, deputy member	1-6 and 9-11
Mahad Abdirisaag Amin	Student, member	
Kukkonen Riku	Student, deputy member	
Partanen Silja	Student, member	
Rautiainen Kaisa	Student, deputy member	
Hirvonen Arja	Executive Head of Administration, secretary, preparer	1-11
Other preparers		
Laitinen Kaisa	Head of Training	1-11
Other participation		
Merimaa-Piirainen Maarit	Head of Student Services	1-11

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### Items to be discussed at the meeting

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## **Minutes**

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### **1**

#### **Opening of the meeting**

The chair will opened the meeting at 12.00.

## 2

### **Legitimacy and presence of a quorum**

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

The meeting notice was sent on 18 August 2023.

According to the UEF University Regulations, multi-member organs 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 organ 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 via Teams.

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

**Decision**    As proposed. The order of items on the agenda was changed so that the items For information, Closing of the meeting and Translation of the agenda/minutes were placed after the supplementary items.

Record entry 1890/01.01.03/2023

Prepared by Arja Hirvonen

**3**

**The Dean's proposal on the appointment of PhD, Docent Matias Koivurova to the Tenure Track position of a Senior Researcher, Ultrafast Photonics and Optical Devices. Hearing of the Faculty Council**

According to section 10 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.

According to section 10 of the UEF University Regulations, 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. In accordance with the faculty's human resources plan, research and teaching in Photonics will be strengthened by filling the Tenure Track position of a Senior Researcher, Ultrafast Photonics and Optical Devices. The post will be hosted by the Faculty's Department of Physics and Mathematics on the Joensuu campus.

The scope and description of the post are as follows:

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The field of the post is Ultrafast Photonics and Optical Devices. The aim is to utilise the existing photonics research infrastructure in the research. The person to be appointed to the post is expected to be skilled in the design of micro- and nanophotonics and to have thorough expertise in the characterisation and application of optical pulses. The senior researcher (Tenure Track) will teach photonics courses and participate in the development of the curriculum for and the teaching of photonics at the Master's and doctoral levels. They are expected to raise research funding, launch international research networks in the field of photonics and be active in academic and societal expert positions.

It has been proposed that PhD, Docent Matias Koivurova, be appointed to the post without a public call.

Expert statements on the eligibility and merits of PhD, Docent Matias Koivurova have been requested from Professor Massimo Santarsiero (Università Roma Tre) and Professor Tatiana Alieva (Universidad Complutense de Madrid), in accordance with the Dean's decision. The favourable joint statement of the experts is enclosed with this agenda item as an appendix.

The Appointments Committee in accordance with the University Regulations consisted of Dean Kari Lehtinen as Chair, Vice Head of the Department of Physics and Mathematics Professor Markku Kuittinen, Head of the Department of Chemistry Professor Mika Suvanto and Executive Head of Administration Arja Hirvonen as Administrative Expert.

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As a summary of its assessment, the Appointments Committee states that PhD, Docent Matias Koivurova meets the criteria set for the Senior Researcher level of the tenure track and the set qualification requirement, and can be proposed to the post of Senior Researcher (Tenure Track).

At its email meeting of 16 August 2023, the Tenure Track Committee was in favour of proceeding with the filling of the post.

A memorandum of the Appointments Committee and Koivurova's CV, teaching portfolio, and list of publications are enclosed with this agenda item as appendices.

A person to be appointed as a senior researcher in the tenure track shall hold a suitable doctoral degree and have good teaching skills. Furthermore, a person to be appointed as an associate professor in the tenure track shall have the prerequisites for fulfilling the qualification requirements of an associate professor by the end of the tenure track term.

According to the university's Tenure Track guidelines, the criteria for the progress on the tenure track will be specified in more detail in the specifying agreement to be annexed to the employment contract.

## Motion

1. The Faculty Council will address the scope and specifications of the post of the senior professor.



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2. The Faculty Council will address the Dean's proposal on the person to be appointed to the post.

### Decision

1. As proposed.

2. As proposed.

### Appendices

Appendix 1	Joint statement, Tatiana Alieva and Massimo Santarsiero
Appendix 2	Evaluation memorandum Matias Koivurova
Appendix 3	Matias Koivurova's CV
Appendix 4	Matias Koivurova's teaching portfolio
Appendix 5	Matias Koivurova's list of publications

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Record entry 952/03.01.00/2023

Prepared by Kaisa Laitinen

4

### **Deciding on the student admission criteria for degree programmes taught in English for 2024**

According to section 9(4) of the University Regulations of the University of Eastern Finland, the Faculty Committee will make decisions concerning student admission criteria.

**Motion** The Faculty Committee verifies the student admission criteria for degree programmes taught in English for 2024 in accordance with the appendices and delegates any technical modifications that may be required to the Dean.

**Decision** As proposed.

#### Appendices

- |            |   |
|------------|---|
| Appendix 6 | Student admission criteria 2024, Bachelor in Science, Information Technology, Joensuu and Kuopio  |
| Appendix 7 | Student admission criteria 2024, Bachelor of Science (Agriculture and Forestry), International Degree Programme in Sustainable Forest Bioeconomy, Joensuu |

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Appendix 8	Student admission criteria 2024, Master's Degree Programme in Biology and Environmental Change (BEC)
Appendix 9	Student admission criteria 2024, Master's Degree Programme in Computational Colour and Spectral Imaging (COSI)
Appendix 10	Student admission criteria 2024, Master's Degree Programme in Environmental and Ecosystem Ecology, Kuopio
Appendix 11	Student admission criteria 2024, Master's Degree Programme in European Forestry
Appendix 12	Student admission criteria 2024, Master's Degree Programme in Forestry (MDP CBU FOR and TransFor-M)
Appendix 13	Student admission criteria 2024, Master's Degree Programme in Imaging and Light in Extended Reality (IMLEX)
Appendix 14	Student admission criteria 2024, Master's Degree Programme in Information Technology (IMPIT), Joensuu
Appendix 15	Student admission criteria 2024, Master's Degree Programme in Medical Physics
Appendix 16	Student admission criteria 2024, Master's Degree Programme in Photonics

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|-------------|--|
| Appendix 17 | Student admission criteria 2024, Master's Degree<br>Programme in Photonics for Security Reliability and<br>Safety (PSRS) |
| Appendix 18 | Student admission criteria 2024, Master's Degree<br>Programme for Research Chemists                                      |

Record entry 952/03.01.00/2023

Prepared by Kaisa Laitinen

**5**

**Scoring of B languages included in the International Baccalaureate (IB) degree and the ONL included in the European Baccalaureate (EB) degree starting from student admissions 2024**

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 change in the scoring of certificate-based admissions was approved at the meeting of Unifi's Vice-Rectors in charge of education on 16 May 2023. As regards the scoring of certificate-based admissions starting from student admissions 2026, it has been stated that B languages included in the IB degree and the Other National Language (ONL) included in the EB degree must be scored as advanced level languages.

In the current scoring of certificate-based admissions, English is scored as an advanced level language, whilst other B languages included in the International Baccalaureate (IB) degree are scored as intermediate level languages. However, already when the scoring method adopted in 2020 was being prepared, it was stated that comparing the B languages included in the International Baccalaureate (IB) degree with the language studies included in the Finnish matriculation examination is not straightforward. All B languages included in the International

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Baccalaureate (IB) degree comply with the same curriculum and skill level objective, which can be considered to be equivalent to the advanced level of the Finnish matriculation examination. It is, therefore, justified to compare all B languages with the advanced level languages included in the Finnish matriculation examination.

Similarly, the target level of ONL included in the EB degree at the end of the studies is equivalent to the advanced level included in the Finnish matriculation examination, and the scope of the ONL studies is at least the same as that of the advanced level language in the Finnish education system. It is, therefore, justified to compare ONL with the advanced level language included in the Finnish matriculation examination.

Unifi's Vice-Rectors in charge of education propose that all B languages included in the IB degree and the ONL included in the EB degree be scored as advanced level languages. The change will enter into force starting from the student admissions 2024. The change applies to all certificate-based admissions.

**Motion** The faculty council approves the scoring of B languages included in the International Baccalaureate (IB) degree and the ONL included in the European Baccalaureate (EB) degree starting from student admissions 2024.

**Decision** As proposed.

Record entry 3339/03.01.00/2023

Prepared by Kaisa Laitinen

## **6**

### **Approval of scoring scales for certificate-based admissions starting from student admissions 2026**

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.

At the beginning of 2022, the universities launched a project to develop student admissions at the initiative of Unifi's Vice-Rectors in charge of education. The scoring scales for certificate-based admissions have been prepared in the development project for the use of universities in certificate-based admissions.

The draft scoring of certificate-based admissions is based on research and extensive discussions with upper secondary school representatives and students, other stakeholders, and fields of study. Prior to the publication of the draft scoring scales, statements were requested from universities and key stakeholders on the draft. The comments of the faculty's study and degree programmes and any proposed amendments were included in the statement issued by the University of Eastern Finland on the draft scoring scales of certificate-based admissions. Joint admissions have submitted their own comments as part of the statement of the coordinating university.

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At the Unifi meeting of 16 May 2023, the Vice-Rectors in charge of education submitted the scoring of certificate-based admissions from 2026 onwards for approval in accordance with the enclosed appendix. The faculty's study and degree programmes have approved the proposed scoring scales for certificate-based admissions.

**Motion** The Faculty Council will approve the scoring scales for certificate-based admissions starting from student admissions 2026 as proposed.

**Decision** As proposed.

## Appendices

Appendix 19

Revised scoring proposal 6 June 2023



Record entry 28/03.04.09/2023

Prepared by Kaisa Laitinen

**7**

**Grading MSc Ville Leinonen'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 18 of the standing orders of the Faculty of Science, Forestry and Technology on degrees and studies, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Ville Leinonen's doctoral dissertation and study [Statistical modeling of atmospheric aerosols – long-term trends and emissions of traffic and small-scale wood combustion](#) was examined publicly on 18 August 2023.

The opponent, Research Professor Marko Laine (Meteorological Research applications, the Finnish Meteorological Institute, Helsinki), 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 appendix.

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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 Ville Leinonen's doctoral dissertation as Pass.

**Decision** As proposed.

### Appendices

Appendix 21 Statement by opponent Marko Laine

Record entry 28/03.04.09/2023

Prepared by Kaisa Laitinen

**8**

**Grading MSc Aleksi Leinonen's doctoral dissertation in the field of physics**

According to section 9 of the UEF University Regulations, the Faculty Council grades doctoral dissertations. According to Section 18 of the standing orders of the Faculty of Science, Forestry and Technology on degrees and studies, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Aleksi Leinonen's doctoral dissertation and study [Geometric phase and surface plasmons in Young's interference](#) was examined publicly on 4 August 2023. The opponent, Miguel A. Alonso (Centrale Méditerranée and Institut Fresnel, Marseille, France) 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 appendix.

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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 Aleksi Leinonen's doctoral dissertation as Pass.

**Decision** As proposed.

### Appendices

Appendix 22 Opponent Miguel A. Alonso's statement

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### For information

Statistics on the Faculty's degree programmes dated 31 July 2023  
(Appendix)

The doctoral dissertation overview of the faculty dated 17 August 2023;  
graduates in green, those with permission to defend their dissertation in a  
public examination in yellow, and those who have started their  
dissertation in blue (appendix)

Expert statements by [Corinna Hoose](#) and [Heikki Järvinen](#) on the  
qualifications and merits of PhD Harri Kokkola for the part-time post of  
Professor, Aerosol-cloud Interactions (record entry 1117/01.01.02/2023),  
which the Faculty Council discussed at its meeting of 24 May 2023

Topical faculty matters

**Motion** Marked for information.

**Decision** As proposed.

Appendices

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Appendix 20

Degree Statistics 31 July 2023

Appendix 21

Doctoral dissertation overview 17 August 2023

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## **10**

### **Translation of the agenda/minutes**

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



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### **Closing of the meeting**

The chair closed the meeting at 12.40.