

Minutes

Faculty Council of the Faculty of Science, Forestry and
Technology

Meeting No 4/2023

Meeting date 19 April 2023

1 (26)

Date and time 19 April 2023, 13.00–14.23

Place/venue Teams

Participants	Role	Further information
Members		
Lehtinen Kari	Dean, Chair	1-14
Hauta-Kasari Markku	1st Vice Dean, Vice Chair	1-14
Kukkonen Jussi	2nd Vice Dean	1-14
Hujala Teppo	Professor, member	1-6
Tuittila Eeva-Stiina	Professor, deputy member	9-14
Lehto Vesa-Pekka	Professor, member	1-14
Kuittinen Markku	Professor, deputy member	
Jänis Janne	Professor, member	1-14
Pumpanen Jukka	Professor, deputy member	
Berninger Frank	Professor, member	
Tedre Matti	Professor, deputy member	1-14
Miettinen Pauli	Professor, member	1-14
Tuomela Jukka	Professor, deputy member	
Tanska Petri	Other staff, member	1-14
Haapala Antti	Other staff, deputy member	
Mononen Maini	Other staff, member	
Turunen Mikael	Other staff, deputy member	1-14
Virrantalo Tarja	Other staff, member	1-8 ja 12-14

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Kopra Juho	Other staff, deputy member	
Pohjoismäki Jaakko	Other staff, member	1-14
Asikainen Mervi	Other staff, deputy member	
Vainikainen Hanne	Other staff, member	1-8 ja 12-14
Kumlin Timo	Other staff, deputy member	
Kortelainen Jenni	Student, member	
Miettinen Ville	Student, deputy member	1-8 ja 12-14
Kipriianov Pavel	Student, member	1-8 ja 12-14
Ovaskainen Juha-Matti	Student, deputy member	
Pitkänen Teppo	Student, member	1-8 ja 12-14
Mudashiru Busurat	Student, deputy member	1-8 ja 12-14
Mahad Abdirisaag Amin	Student, member	1-8 ja 12-14
Kukkonen Riku	Student, deputy member	
Partanen Silja	Student, member	1-8 ja 12-14
Rautiainen Kaisa	Student, deputy member	1-8 ja 12-14
Hirvonen Arja	Executive Head of Administration, secretary, preparer	1-14
Other preparers		
Laitinen Kaisa	Head of Training	1-14

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§ 1

Opening of the meeting

The chair opened the meeting at 13.00.

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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 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 12 April 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 847/01.01.00/2022

Prepared by Arja Hirvonen

§ 3

Listening to and grading the trial lecture of Doctor of Science (Technology) Panu Karjalainen for the purpose of awarding the title of docent in the field of engine emissions and their measurement methods

DSc (Tech) Panu Karjalainen has applied for the title of docent in the field of engine emissions and their methods at the Department of Environmental and Biological Sciences of the Faculty of Science, Forestry and Technology of the University of Eastern Finland.

Based on section 89 of the Universities Act 558/2009, a docent shall have good teaching skills. As a rule, the teaching skills of a person applying for the title of docent are evaluated on the basis of application documents. In such a case, the person's practical teaching experience at university level and demonstrated achievements in supervising academic theses, studies in university pedagogy, other pedagogical qualifications and earlier university-level trial lectures, which have been approved and graded as good or higher, are taken into consideration.

In order to assess the good teaching skills required of a docent, DSc (Tech.) Panu Karjalainen must, in accordance with [the Decan's decision of 25 January 2023](#), provide a trial lecture in order to be awarded the title of docent in the field of engine emissions and their measurement methods. The topic of

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his trial lecture is "The measurement of particulate emissions from vehicles with relevance to the atmosphere".

The trial lecture is graded on the scale adequate – satisfactory – good – very good – excellent.

The trial lecture is assessed in accordance with [the faculty's instructions dated 17 March 2021](#). In the assessment of the trial lecture, attention is paid, e.g., to the person's ability to

- structure the entity that is being taught in a manner that is understandable to the audience,
- justify the ideas and arguments presented,
- utilise the latest research in the field,
- teach in an enthusiastic and thoughtful manner,
- interact with the students,
- activate and support learning,
- prepare study materials taking account of the target audience,
- utilise the teaching methods of online and blended pedagogy,
- take account of the needs and opportunities of remote and on-campus education (hybrid education), to manage the educational situation.

Motion The Faculty Council will review the trial lecture of DSc (Tech) Panu Karjalainen and grade it.

Decision The trial lecture was graded as excellent (5/5).

Record entry 847/01.01.00/2022

Prepared by Arja Hirvonen

§ 4

Awarding the title of docent to DSc (Tech) Panu Karjalainen in the field of engine emissions and their measurement methods

DSc (Tech) Panu Karjalainen has applied for the title of docent in the field of engine emissions and their methods at the Department of Environmental and Biological Sciences of the Faculty of Science, Forestry and Technology of the University of Eastern Finland. DSc (Tech) Karjalainen's application and related attachments are enclosed with the agenda item as appendices.

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 some other manner, and good teaching skills.

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.

[By decision of 25 January 2023, the Dean of](#) the Faculty of Science, Forestry and Technology appointed Professor Hanna Vehkamäki (Institute for Atmospheric and Earth System Research, University of Helsinki) and

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Assistant Professor Pauli Paasonen (Institute for Atmospheric and Earth System Research, University of Helsinki) to provide their expert opinions on the scientific qualifications of DSc (Tech) Panu Karjalainen in order to be awarded the title of docent in the field of engine emissions and their measurement methods. Professor Vehkamäki and Assistant Professor Paasonen have stated that DSc (Tech) Karjalainen is scientifically qualified in the field that his title of docent application concerns. The statements of the experts are enclosed with this agenda item as appendices.

A person to be awarded the title of docent is required to have good teaching skills (Universities Act 558/2009, section 89). The Faculty Council will decide on the trial lecture given by DSc (Tech) Karjalainen under Item 3.

Motion The Faculty Council states that DSc (Tech) Panu Karjalainen 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 engine emissions and their measurement methods as of 1 May 2023.

Decision As proposed.

Appendices

- | | |
|------------|---|
| Appendix 1 | Panu Karjalainen's title of docent application |
| Appendix 2 | Appendices to Panu Karjalainen's title of docent application (public) |
| Appendix 3 | Expert statement, Pauli Paasonen |

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Appendix 4

Expert statement, Hanna Vehkamäki

Record entry 687/01.01.03/2023

Prepared by Arja Hirvonen

§ 5

The Dean's proposal on the appointment of senior researcher Mohamed Sacr Abdelgalil to the post of an Associate Professor, Educational Technology, in particular Learning Analytics

In accordance with the Faculty's human resources plan, the teaching and research of teaching technology, in particular Learning Analytics, will be strengthened by fulfilling the post of an Associate Professor. The post will be hosted by the Faculty's School of Computing on the Joensuu campus.

The scope and description of the post are as follows:

The field of the post of the Associate Professor is teaching technology, in particular learning analytics, which is defined as a combination of computer science and data science in the context of learning and teaching. The post requires expertise in the methods and algorithms of data processing, teaching technology and data science. The duties of the Associate Professor include the acquisition of external research funding, the launching and management of research projects, high-quality publishing activities in the field of learning analytics and teaching technology, and related teaching and supervision duties.

The language skills requirement for the position of the Associate Professor is good skills in the English language.

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It has been proposed that senior researcher PhD Mohamed Sacr Abdegalil be appointed to the post without a public call.

The Appointments Committee that complied with the UEF University Regulations consisted of Vice Dean Kari Lehtinen (Chair), Vice Dean of the Faculty Markku Hauta-Kasari, Head of the School of Computing Professor Markku Tukiainen and Professor Sari Havu-Nuutinen, the School of Applied Educational Science and Teacher Education, Philosophical Faculty.

In summary, the evaluation team states that the qualifications and merits of PhD Mohamed Sacr Abdelgalil meet the criteria set for the associate professor level of the Tenure Track. He has excellent prerequisites to strengthen his activities, through projects and competitive research funding, to the level required by the post of a professor. He meets the language skills requirement for the position.

At its email meeting of 11 April 2023, the Tenure Track Committee was in favour of proceeding with the filling in of the post.

A memorandum of the evaluation team and Mohamed Sacr Abdegalil's CV, teaching portfolio, and list of publications are enclosed with this agenda item as appendices.

Based on section 31 of the University Regulations of the University of Eastern Finland, a person to be appointed as an associate professor in the

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tenure track shall hold a suitable doctoral degree and have good teaching skills. Furthermore, the person shall have the prerequisites to fulfil the qualification requirements of a professor by the end of the tenure track term.

The Dean of the faculty has freed Mohamed Sacr Abdelgalil from the requirement to give a trial lecture on the grounds that he has sufficient practical experience in university level teaching at the University of Eastern Finland and, therefore, the good teaching skills required by the post of an associate professor have been demonstrated.

According to section 9 of the UEF University Regulations, 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 a proposal to the Rector on the person to be appointed to a Tenure Track position after hearing the Faculty Council.

The Dean of the Faculty proposes to the university rector that senior researcher Mohamed Sacr Abdelgalil be appointed to the Tenure Track position of an Associate Professor for a period of four years from 1 May 2023 onwards.

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According to Decision 57/2020 on the university's Tenure Track, 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 associate professor.
2. The Faculty Council will address the Dean's proposal for the person to be appointed to the post.

Decision

1. As proposed.
2. As proposed.

Appendices

Appendix 5	Evaluation memorandum Mohamed Sacr Abdelgalil
Appendix 6	Mohamed Sacr Abdelgalil's CV
Appendix 7	Mohamed Sacr Abdelgalil's portfolio of teaching merits
Appendix 8	Mohamed Sacr Abdelgalil's list of publications

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Record entry 952/03.01.00/2023

Prepared by Kaisa Laitinen

§ 6

Making a proposal to the UEF Board on the student intake of the faculty in student admissions 2024

The UEF Board will decide on the student intake in student admissions 2024 at its meeting in May 2023. The faculty's proposal for the student intake in student admissions 2024 is enclosed with the agenda item as an appendix.

Motion The Faculty Council proposes to the Board that the student intake in student admissions 2024 be 1,100.

Decision As proposed.

Appendices

Appendix 9	Student intake of the Faculty of Science, Forestry and Technology in student admissions 2024
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Record entry 398/00.00.02/2022

Prepared by Kaisa Laitinen

§ 7

Verifying the standing rules of the studies of the faculty

According to section 9(4) of the UEF Regulations, the Faculty Council shall decide, among others, on curricula.

Motion The Faculty Council will decide on the standing orders as specified the appendix.

Decision As proposed.

Appendices

Appendix 10 Standing orders 2023

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Record entry 1019/03.01.00/2022

Prepared by Kaisa Laitinen

§ 8

Deciding on the criteria for student admissions to the doctoral programme for the academic year 2023–2024

According to section 9(4) of the UEF University Regulations, the Faculty Committee shall make decisions concerning student admission criteria and curricula.

Motion The Faculty Council confirms the student admission criteria and the curriculum for the Doctoral Programme in Science, Forestry and Technology for 2023 in accordance with the appendices and delegates any technical amendments to the Dean.

Decision As proposed.

Appendices

Appendix 11	Degree structure 2023, Doctoral Programme in Science, Forestry and Technology (LUMETO)
Appendix 12	Student admission criteria 2023, Doctoral Programme in Science, Forestry and Technology (LUMETO)
Appendix 13	Description of the research seminar 2023, Forestry

Record entry 28/03.04.09/2023

Prepared by Kaisa Laitinen

§ 9

Grading MSc Eemeli Holopainen'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 rules on the degrees and studies of the Faculty of Science, Forestry and Technology, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Eemeli Holopainen's doctoral dissertation and study [Aerosol modelling: Improving the understanding of aerosol processes and their effects on the climate at process and global-scale](#) was publicly examined on 31 March 2023. Opponent, Research Associate Marc Salzmänn (Institute for Meteorology, University of Leipzig, Leipzig, Germany) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade pass with distinction. The preliminary examiners of the dissertation, Professor Veli-Matti Kerminen (Institute for Atmospheric and Earth System Research (INAR), University of Helsinki) and Professor Miikka Dal Maso (Faculty of Technology and Natural Sciences, University of Tampere), agree with the grade proposed by the opponent.

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 Eemeli Holopainen's doctoral dissertation as Pass with distinction.

Decision As proposed.

Appendices

- | | |
|-------------|--|
| Appendix 14 | Statement by the opponent Marc Salzmann |
| Appendix 15 | Preliminary examiner Veli-Matti Kerminen's opinion on the proposed grade |
| Appendix 16 | Preliminary examiner Miikka Dal Maso's opinion on the proposed grade |

Record entry 28/03.04.09/2023

Prepared by Kaisa Laitinen

§ 10

Grading MSc Adam Kositsky'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 rules on the degrees and studies of the Faculty of Science, Forestry and Technology, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Adam Kositsky's doctoral dissertation and study [Semitendinosus structure and function in healthy and anterior cruciate ligament reconstructed individuals](#) was publicly examined on 10 March 2023. The opponent, Professor Keith Baar (Department of Neurobiology, Physiology, and Behavior, University of California - Davis, USA) is in favour of the dissertation being approved as a thesis for a doctoral degree in Philosophy and proposes the grade Pass with distinction. The preliminary examiners of the dissertation, Professor Anthony Blazeovich (School of Medical and Health Sciences, Edith Cowan University, Perth, Australia) and Professor Glen Lichtwark (School of Human Movement and Nutrition Sciences, University of Queensland, Brisbane, Australia), agree with the grade proposed by the opponent.

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 Adam Kositsky's doctoral dissertation as Pass with distinction.

Decision As proposed.

Appendices

Appendix 17	Statement by opponent Keith Baar
Appendix 18	Preliminary examiner Anthony Blazeovich's opinion on the proposed grade
Appendix 19	Preliminary examiner Glen Lichtwark's opinion on the proposed grade

Record entry 28/03.04.09/2023

Prepared by Kaisa Laitinen

§ 11

Grading MSc Kati Martikainen'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 18 of the standing rules on the degrees and studies of the Faculty of Science, Forestry and Technology, doctoral dissertations are graded on the scale pass – pass with distinction.

MSc Kati Martikainen's doctoral dissertation and study [Wastewater treatment in rural areas - Functionality of sand filters and suitability of filter media for reuse](#) was examined publicly on 14 April 2023. The opponent, Associate Professor Anna Mikola (Department of Built Environment, Aalto University, Espoo), 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 Kati Martikainen's dissertation as Pass.

Decision As proposed.

Appendices

Appendix 20 Opponent Anna Mikola's statement

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§ 12

For information

Statistics on the faculty's Master's and Doctoral degrees (Appendix)

The doctoral dissertation overview of the Faculty dated 11 April 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)

Topical faculty matters

Motion Marked for information.

Decision As proposed.

Appendices

Appendix 21 Degree Statistics 12 April 2023

Appendix 22 Doctoral dissertation overview 11 April 2023

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§ 13

Translation of the agenda/minutes

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

Appendices

Appendix 23

Translation of the agenda 19.4.2023

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Closing of the meeting

The chair closed the meeting at 14.23.