Tutkimusneuvoston kokous 7/2024

Aika 26.8.2024 klo 9.00–10.56
Paikka Teams

Tutkimusneuvoston jäsenet:
tutkimusrehtori Taina Pihlajaniemi, puheenjohtaja
professori Heli Jantunen
~~professori Juhani Junttila~~
professori Sanna Järvelä
~~professori Juha-Pekka Lunkka~~
professori Aki Manninen
associate professor Roger Norum
professori Mikko Sillanpää
~~professori Juha Tuunainen~~
väitöskirjatutkija Seevali Nishantha Beligalage

Muut:

johtaja Annu Perttunen (4§)
johtaja Emma Pirilä (5§)

hallinnollinen koordinaattori Mari Katvala, sihteeri

Oulun yliopisto

PL 8000
90014 Oulun yliopisto

oulun.yliopisto @ oulu.fi
Puh 0294 480 000
Fax 08 344 064

www.oulu.fi

1§ Avaus: Kokouksen laillisuus ja päätösvaltaisuus
(esittelijä Mari Katvala)

Kutsu kokoukseen ja esityslista liitteineen on lähetetty 21.8.2024. Hallintoelin on päätösvaltainen, kun puheenjohtaja mukaan luettuna vähintään puolet jäsenistä on läsnä.

Päätösesitys: Tutkimusneuvosto toteaa kokouksen laillisesti kokoon kutsutuksi ja päätösvaltaiseksi.

Päätös: Tutkimusneuvosto totesi kokouksen laillisesti kokoon kutsutuksi ja päätösvaltaiseksi.

2§ Oulun yliopiston ylioppilaskunnan edustajan varajäsen
(esittelijä Mari Katvala)

Oulun yliopiston ylioppilaskunta on nimennyt varsinaiselle jäsenelle väitöskirjatutkija Jarkko Impolalle varajäseneksi väitöskirjatutkija Seevali Nishantha Beligalagen.

Päätösesitys: Tutkimusneuvosto hyväksyy väitöskirjatutkija Seevali Nishantha Beligalagen virallisesti varajäseneksi tutkimusneuvostoon.

Päätös: Esityksen mukaisesti.

3§ Kokouksen esityslistan hyväksyminen
(esittelijä Mari Katvala)

Päätösesitys: Esityslista hyväksytään.

Päätös: Esityslista hyväksyttiin.

4§ Tehtävien täyttöjen hyväksyminen – nimitysesitykset
(esittelijä Mari Katvala)

4§ Esitykseen liittyvät dokumentit ovat nähtävissä Tutkimusneuvoston-Teams -työtilassa. Ks. myös yliopiston ohjeet Patio-intranetissä: Palvelut ja ohjeet/Henkilöstö/Rekrytointi: Palvelukortit ”Rekrytointiohje” ja ”Professorin rekrytointi”.

4.1 Nimitysesitys: Filling the five year position of tenure track assistant or associate professor in applied mathematics

The Research Unit of Mathematical Sciences has declared the tenure track assistant or associate professor position open for applications. The position is part of the Flagship of Advanced Mathematics for Sensing, Imaging and Modelling (FAME), funded by the Research Council of Finland. The position is funded until the end of 2027 by FAME, afterwards the Research Unit of Mathematical Sciences will provide funding. The position was opened externally during 14.03.2024–15.04.2024. Academic positions, ResearchGate, and University of Oulu's own channels were used for job promotion. Additionally, the professional networks of the Finnish Inverse Problems Society and IPNet were used.

The job advertisement for the position is described as follows:

About the job

The new Tenure Track position is in the field of Applied Mathematics relevant to the teaching and research portfolio of the Research Unit of Mathematical Sciences. Suitable topics include expertise in, but are not limited to, numerical analysis and numerical methods, partial differential equations, nonlinear optimization, convex analysis, as well as Bayesian inverse problems. Familiarity with inverse problems and their application is highly welcome. This position aims to provide complementary expertise in applied mathematics relevant to the research themes within FAME and the inverse problems group in Oulu.

As Assistant/Associate professor you are expected to concentrate on research and support of doctoral education in applied mathematics in connection or in collaboration with FAME and the inverse problems group.

Other duties include:

• Teaching of 2 courses (5 ECTS)/year in your field of expertise.

(Teaching duties may change after the tenure track period)

• Supervision of doctoral researchers and related support

• Supervision of master thesis topics

• Support of FAME related activities

• Participation in external funding applications

The number of total applications received was 44.

Recruitment committee

The representative of (FAME), Andreas Hauptmann, together with the Head of the Unit of Mathematical Sciences, Mikko Sillanpää, have discussed and invited members of the recruitment committee between 30.01.-07.02.2024 and sent the suggestions to Dean of Faculty of Science, Maarit Järvenpää. The appointed committee consisted of:

Internal members of the recruitment committee:

• Associate Professor Andreas Hauptmann, chair of the recruitment committee and representative of FAME at the Faculty of Science, University of Oulu.

• Professor Mikko Sillanpää, vice-chair of recruitment committee and head of the Research Unit of Mathematical Sciences.

• University lecturer Pekka Salmi, Research Unit of Mathematical Sciences, head of the degree program.

External member:

• Associate Professor Yiqiu Dong, Technical University of Denmark, Department of Applied Mathematics and Computer Science. Expert in Scientific Computing and Inverse Problems.

• Professor Nuutti Hyvönen, Aalto University, Department of Mathematics and Systems Analysis, Vice-director of FAME.

Other participants in the recruitment committee:

• Harri Pakkanen, Human resources manager.

After the application period, the two external members of the recruitment committee had to resign due to conflict of interest with the following candidates:

• Yiqiu Dong and Babak Afkham work in the same research group and have joint publication.

• Nuutti Hyvönen and Vesa Kaarnioja have one joint publication (over 5 years ago) and one current ongoing joint project (unpublished).

Replacements for the two members were difficult to find due to the large number of applications and existing conflicts of interest. The two following replacements have been found:

• Professor Ozan Öktem, KTH Royal Institute of Technology, Department of Mathematics, Expert in Inverse Problems with applications in Medicine and Industry.

• Associate Professor Ville Suomala, University of Oulu, Deputy Leader of the Research Unit of Mathematical Sciences.

The recruitment committee familiarized themselves with the application documents including candidates' publication analysis of the applicants made by university Bibliometrics during 16.04.2024-30.04.2024. Based on the applicants' documents and Bibliometrics analysis, as well as careful evaluations of each candidate, the committee selected the candidates who best fulfilled the criteria of the call. In their meeting 30.5.2023, the recruitment committee chose following six candidates to be shortlisted and sent for academic external evaluations:

- PhD in Computational Mathematics and Simulation Science Babak Afkham, Technical University of Denmark, Denmark.
- PhD (Technology) Tony Liimatainen, University of Helsinki, Finland.
- PhD (Technology) in Technical Mathematics Tram Nguyen, Max Planck Institute for Solar System research, Göttingen, Germany.
- PhD Mathematics Giovanni Covi, University of Helsinki, Finland.
- PhD (Technology) in Electrical Engineering Toni Karvonen, University of Helsinki, Finland.
- PhD in Signal Processing Alexandra Koulouri, Tampere University, Finland.

Fifteen applicants were considered suitable for the position (topic related to Inverse Problems and FAME), but due to a strong application field not considered further. A rejection mail accordingly was sent with explanation that the candidates were deemed suitable for the position, but not considered further. Primary reasons were, that the candidates were too applied or their research is not directly related to FAME, as well as insufficient academic maturity, such as lack of teaching/funding/supervision experience.

The final group of 23 applicants were excluded due to being out-of-scope for the call and neither a strong academic background. A standard rejection mail was sent.

External evaluation

The external evaluation provides research area-specific expert information on the applicants' academic merits in relation to the position applied for. Based on the Applied Mathematics and Inverse Problems focus of the position, as well as a diverse background of applicants, a balance between theory and application was considered in selecting the evaluators. We invited 4 evaluators to cover this wide range of expertise sufficiently well and to avoid favoring more applied or more theoretical applicants. Taking these into account, the Dean invited the following 4 experts to conduct the evaluations:

• Professor Daniela Calvetti (Female), The James Wood Williamson Professor, Case Western Reserve University, Department of Mathematics, Applied Mathematics, and Statistics.

Daniela Calvetti's research is focused on Bayesian Inverse Problems with a wide range of applications, including prototypical linear inverse problems as well as challenging nonlinear Inverse Problems, with applications to real data. She is highly regarded as an authority in the Inverse Problems community.

Her areas of expertise are in Computational mathematics, uncertainty quantification, inverse problems, Bayesian scientific computing.

• Marcelo Pereyra (Male), School of Mathematical and Computer Sciences, Heriot-Watt University & Maxwell Institute for Mathematical Sciences

Marcelo Pereyra's research is concentrated on statistical methods for inverse problems and their theoretical properties. With applications to imaging inverse problems and the use of data-driven methods. He is an expert in optimization for large scale problems and sampling algorithms.

His areas of expertise are Bayesian analysis and computation, imaging inverse problems, Markov chain Monte Carlo Methods

• Emeritus Professor David Isaacson (Male), Department of Mathematical Sciences, Rensselaer Polytechnic Institute, USA.

David Isaacson is highly regarded for his research in Electrical Impedance Tomography, a highly nonlinear inverse problem that poses theoretical and applicational challenges. His research ranges from fundamental theoretical analysis and seminal papers in the field to applications and involvement in system development.

His areas of expertise are Applied mathematics, Inverse problems, Nonlinear Inverse Problems.

• Professor Peter Maaß (Male), Faculty of Mathematics and Computer Science, Industrial Mathematics, University of Bremen.

Peter Maaß is leading the working group on Technical Mathematics at the University of Bremen. He is an expert in inverse problems, computational mathematics and engineering, image processing, and data-driven methods. He has a wide range of applicational experience with multiple industrial research projects.

His areas of expertise are inverse problems, applied mathematics, scientific computing, data-driven methods, computational engineering.

In order to check possible disqualifications between the evaluators and candidates, the committee themselves made sure that there are no joint publications or projects by the applicants. Next, the experts were asked to inform

of any disqualifications / conflict of interests (COI) while receiving the candidate details, and lastly, the candidates were also asked to evaluate COI situation between them and the evaluators.

The evaluations were conducted between 10.5.2024-26.06.2024. To guarantee transparency of the process, evaluations were also sent to the candidates.

Summary of the results and key insights of the evaluations:

In the following we will report overall ratings, followed by average ratings over all categories for each candidate.

• Babak Afkham: Overall 6/5/5/6 – Average 5.83/4.86/5/5.5

• Tony Liimatainen: Overall 5/3/6/3 – Average 5/2.86/5.86/4.33

• Tram Nguyen: Overall 5/4/6/5 – Average 5.33/3.57/5.71/5.17

• Giovanni Covi: Overall 6/4/6/5 – Average 5.67/3.86/5.42/5.33

• Toni Karvonen: Overall 6/6/6/2 – Average 5.67/4.86/5.43/4

• Alexandra Koulouri: Overall 5/5/5/5 – Average 5.33/4.71/5/4.83

Grades of scientific activity

• Babak Afkham: 6/5/5/6

• Tony Liimatainen: 5(6)/3/6/6

• Tram Nguyen: 5/4/6/6

• Giovanni Covi: 6/4/6/6

• Toni Karvonen: 6/6/6/6

• Alexandra Koulouri: 5/5/5/4

The evaluators' recommended ranking for the applicants, grouped based on the position level:

For the level of **Assistant** Professor:

Calvetti	**Pereyra**	**Isaacson**	**Maaß**
Karvonen	Karvonen	Ngueyen	Afkham
Afkham & Covi	Afkham	Covi	Ngueyen
Liimatainen	Koulouri	Karvonen	Covi & Koulouri
Koulouri	Covi	Afkham	-

Ngueyen	Ngueyen	Koulouri	-

Remark: The evaluation by Peter Maaß stated that he considers Karvonen to be out-of-scope for the call (despite excellent scientific merit) and thus did not rank him.

For the level of **Associate** Professor the ranking is as follows.

Calvetti	**Pereyra**	**Isaacson**	**Maaß**
Karvonen	Liimatainen	Liimatainen	Liimatainen
Covi	-	-	-
Liimatainen	-	-	-

Remark: Daniela Calvetti also ranked candidates as associate level that she considered to be eligible.

Evaluation documents and the recruitment committee's numerical summary of the evaluations can be found in appendix [4 external evaluations].

On the 27.06.2024, Toni Karvonen informed the recruitment committee through Varbi, that he will withdraw his application.

In an email meeting on 27.-28.06.2024. The recruitment committee agreed to interview the following 4 candidates based on the expert evaluations: Afkham, Covi, Ngueyen, and Liimatainen. The candidates have been informed and the interviews were agreed to take place online 08.08.2024 for all candidates to ensure equal treatment between local and candidates from abroad.

Alexandra Koulouri was not selected for an interview as her background PhD in Electrical Engineering did not meet the requirements sufficiently well.

The remaining 4 candidates accepted the interviews. Interviews were conducted on 08.08.2024. All members of the committee joined the interview, except HR representative Harri Pakkanen who was on annual leave. The candidates were given instructions to present their research in relation to FAME and provide information on their development plans. The interviews lasted each for 90 minutes and were all conducted on the same day. The interviews concentrated on gaining insights into the research of the applicant, the applicational potential and the candidate's understanding of applying mathematics to real world problem with relevance to FAME. Furthermore, focus was given on their teaching plans and service for the department, as well as supervision of students and development plans involving funding applications.

After the interview on the same day, the committee had a meeting to discuss the candidates. It was noted that the decision is difficult, as all candidates are excellent researchers. The committee grouped the candidates into two groups with either applied or theoretical focus. The former group consisted of Afkham and Nguyen, while the latter consisted of Covi and Liimatainen. The committee agreed that the recruitment should strengthen the applied and computational mathematics of the unit as well as support the

flagship. Thus, Afkham and Nguyen were considered as the top candidates, both considered for Assistant level. For the theoretical group, Covi was considered as preferred choice due to his strong profile with respect to his relatively junior academic age. Covi is considered for Assistant level, whereas Liimatainen would be for Associate.

A final decision on the ranking was based on the candidate's potential to integrate into the existing group, support of the FAME flagship, funding potential, and strengthening of the profile of the Research Unit with respect to computational mathematics. Finally, the expert evaluations rating was considered as well to determine the final ranking:

1. Babak Afkham (Assistant level)
2. Tram Nguyen (Deputy candidate - Assistant level)
3. Giovanni Covi (Assistant level)
4. Tony Liimatainen (Associate level)

Summary

Below is a summary of the primary and deputy chosen candidate's strengths for the position, along with the rationale upon which the recruitment committee's decision relies.

Postdoctoral Researcher, PhD **Babak Afkham** is currently employed at the Technical University of Denmark (DTU), in the group of Prof. Per Christian Hansen. The DTU group is internationally recognized as a leader in Scientific Computing and Uncertainty quantification with a newly developed software package, CUQIpy, in which Dr. Afkham participated in the design. The research of Dr. Afkham is shows a wide variety from model order reduction in his PhD to uncertainty quantification with applications in X-ray tomography, photoacoustic tomography, and seismic imaging, offering high potential to cross-faculty collaboration. He employs a large variety of methodologies from numerical analysis of partial differential equations to Bayesian inverse problems. He has shown some recent interest in modern data-driven and learning-based methods as well. His work is published in leading journals of the field, e.g., SIAM Journal on Scientific Computing and Inverse Problems. He shows special interest and talent in scientific computing and applications to partial differential equations. This is a particularly good fit for the scientific portfolio of FAME at the university of Oulu and supports the teaching needs of the Research Unit for the degree program in Computational Mathematics. Additionally, his expertise in Bayesian Inverse Problems offers a bridge between the applied mathematics group and the statistics group within the research unit and strengthens not only cross-faculty collaboration, but also inter-unit complimentary expertise.

Dr. Afkham shows strong ability to initiate collaboration with international researchers outside of his own institution, which is considered important for FAME. He also shows understanding of the application of mathematics outside of academia and is eager to establish industrial collaborations. He

has shown success in acquiring funding for his postdoc studies and is currently active in writing grant applications, which will be an important skill to support FAME. Dr. Afkham has experience in supervision of PhD as well as MSc students. He is a motivated teacher and offered a solid insight into his pedagogical skills, employing an active learning approach in his courses.

While his publication record shows a little weakness in terms of quantity, the quality is evident. Furthermore, in the interview it was clear that he has established multiple fruitful collaborations with projects that are soon to be finalized. Thus, it is expected that the scientific output will strongly rise in the near future.

During the interview the candidate indicated his willingness to learn Finnish to support long-term teaching and departmental duties.

Dr. Afkham is considered for Assistant level.

The deputy candidate, Postdoctoral Researcher, PhD **Tram Nguyen** is currently working in the Max Planck Institute for Solar System research, Göttingen, Germany. She is also actively working with Prof. Thorsten Hohage at the University of Göttingen, where she actively participates in teaching Inverse Problems related courses. She has long industrial experience in geophysics and mathematical modelling, which special relevance to the FAME flagship. She has done her PhD under the supervision of Prof. Barbara Kaltenbacher, for which she has received the Inverse Best PhD Thesis prize by the German speaking Inverse Problems society for her work on time-dependent inverse problems. Her research work combines regularization theory for nonlinear inverse problems and a wide range of applications. Her primary academical experience is in modelling and implementation of reconstruction algorithms for nonlinear inverse problems, together with her industrial expertise she is a strong applied mathematician that has a proven track-record for industrial collaboration.

She shows active participation in teaching at the University of Göttingen and participates in lectures as well as course design. Her supervision experience (2 MSc students) comes from her industrial time at the company in Vietnam, including team leadership. She has obtained some smaller grants for research visits. Additionally, she participates actively in the organization of scientific meetings and service to the community.

Her publication record so far is slightly narrow in scope, but primarily published in the leading journal of the field *IOP Inverse Problems*.

Dr. Nguyen is considered for Assistant level.

While both, Dr. Nguyen and Dr. Covi, where close in expert evaluations, academic experience and potential, we chose Dr. Nguyen over Dr. Covi as deputy based on the scope of the call, source of funding (FAME) and their potential to support the impact goals of the FAME flagship. Specifically, Dr. Covi's expertise is, while academically excellent, primarily of theoretical nature with little focus on the industrial impact themes of FAME.

Justifications for selection

Based on the application documents, external expert evaluations and the interviews conducted by this recruitment committee, Postdoctoral Researcher, PhD **Babak Afkham**, is proposed for the position of Tenure Track Assistant professor. Dr. Afkham presents a scientifically productive and highly promising academic, displaying a robust international network of collaborators. Additionally, the candidate brings valuable teaching as well as supervision experience, with a well-defined teaching philosophy, as well as the ability to secure research funding, and an ambitious research agenda. His expertise encompasses a wide range of topics in scientific computing, including model order reduction, partial differential equations, inverse problems, uncertainty quantification, learning-based algorithms, and Bayesian inverse problems. He clearly demonstrates his ability to apply his research to several modalities, including X-ray tomography, photoacoustic tomography, and seismic imaging. His expertise in theoretical, computational and empirical research are essential strengths for this position. The strong alignment between the candidate's career trajectory, research plan, and the goals of FAME and his ability to readily integrate into the research environment at the University of Oulu is particularly noteworthy and thus well justifies this selection for the position of tenure track Assistant Professor.

The deputy candidate PhD Tram Nguyen is proposed for the position of Tenure Track Assistant professor in the case the first candidate cannot accept. She has demonstrated clear capability perform as successful applied mathematician, from theory and modelling to implementation and industrial leadership. The candidate has shown active interest in the education of students and teaching activities. Her expertise is in regularization theory for nonlinear inverse problems, modelling and analysis of PDEs, as well as industrial applications. Additionally, to her industrial experience, she has obtained new insights into strong applicational scientific research at the Max Planck Institute, where she currently works. Her expertise would clearly enrich the scope of the Inverse Problems group and the Research Unit of Mathematical Sciences and her industrial experience suits well to the aims of the flagship and thus well justifies the selection of deputy candidate for the position of tenure track Assistant Professor.

Luonnontieteellisen tiedekunnan dekaanin esitys

Valmisteluryhmän johtopäätöksen ja sen perusteiden mukaisesti esitän, että sovelletun matematiikan tenure track -tehtävä täytetään nuoremman apulaisprofessorin tehtävänä (Assistant Professor) ja siihen nimitetään PhD Babak Afkham. Mikäli PhD Babak Afkham ei ota tehtävää vastaan, esitän valmisteluryhmän johtopäätöksen mukaisesti, että nuoremman apulaisprofessorin tehtävään nimitetään PhD Tram Nguyen.

PhD Babak Afkham sai ulkopuolisilta asiantuntijoilta tieteellisestä toiminnasta arviot ovat 6 / 5 / 5 / 6. Hänen yleisarvionsa ovat 6 / 5 / 5 / 6. PhD Tram Nguyenin tieteellisen toiminnan arvosanat ovat 5 / 4 / 6 / 6 ja yleisarvosanat ovat 5 / 4 / 6 / 5.

Kun huomioidaan, että yksi kärkihakija peruutti hakemuksensa tehtävän täyttöprosessin aikana, ulkopuoliset arvioijat asettivat PhD Babak Afkhamin jäljelle jääneiden kärkihakijoiden joukossa sijoille 1 (jaettu sijoitus) / 1 / 3 /1 ja PhD Tram Nguyenin sijoille 4 / 4 / 1 / 2. Kärkihakijoista näiden hakijoiden tutkimusprofiilit soveltuvat parhaiten täytettävän tehtävän kuvaukseen.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvosto keskusteli asiasta ja hyväksyi esityksen PhD Babak Afkhamin nimittämisestä sovelletun matematiikan tenure track -tehtävään Assistant Professor -tasolle.

PhD Tram Nguyen hyväksyttiin esityksen mukaisesti varalle Assistant professor tasolle.

Tutkimusneuvosto kiittää valmisteluryhmää huolellisesti valmistellusta ja erinomaisesti perustellusta nimitysesityksestä.

Mikko Sillanpää ei osallistunut keskusteluun eikä päätöksentekoon kohdassa 4.1.

5§ UniOGSin johtosääntökuuleminen ja tutkijakoulun kehittäminen

(esittelijä Annu Perttunen)

Oulun yliopiston hallitus on valtuuttanut syksyllä 2023 rehtorin muodostamaan Oulun yliopiston tutkijakoulun selvitystyöryhmän. Selvitystyöryhmälle annettiin tehtäväksi:

- Selvittää tutkijakoulun rakenteen tarkoituksenmukaisuus.
- Selvittää toiminnan soveltuvuus tohtorikoulutuksen tukemiseksi ja kehittämiseksi.
- Tarkistaa johtosääntö tutkijakoulun osalta.
- Laatia ehdotus tutkijakoulun jatkosta.
- Järjestää henkilöstön ja opiskelijoiden julkiset kuulemistilaisuudet työskentelyn alussa ja lopussa ennen loppuraportin luovuttamista.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvoston keskustelussa todettiin, että tutkijakoulu on tehtäviensä mukaisesti muun muassa yhtenäistänyt prosesseja tiedekuntien välillä sekä ammattimaistanut ja tuonut ryhtiä tohtorikoulutukseen. Tutkijakoulun toiminta on viime vuosina kehittynyt hyvin. Tutkijakoulun prosesseissa on kuitenkin edelleen kehitettävää.

Lisäksi tehtiin seuraavia huomioita:

- Kolmevuotisen kansallisen tohtoripilotin osalta koko väitöskirjatutkijan polku on mietittävä uudestaan huomioiden tieteenalojen erityispiirteet.
- Pidettiin hyvänä, että tutkijakoulu yhdistää eri tiedekunnissa ja muissa yksiköissä toimivia opiskelijoita.
- Koulutuksen nopeuttaminen on haaste ja se voi olla helpompaa ja tasapuolisempaa, jos koulutus on koordinoitu yliopiston tasolta.
- Tutkijakoulun jäsenenä väitöskirjatutkijat ovat yhteydessä muiden alojen väitöskirjatutkijoihin ja heitä kannustetaan tieteenalat ylittävään tutkimukseen ja opintoihin.
- Tiedekuntien väliselle koordinaatiotyölle on tarve tohtorikoulutuksessa.
- Jatko-opintoja ja väitöskirjaan tähtäävää tutkimusta voisi alkaa tehdä jo maisterivaiheessa tai jopa aikaisemmin.
- Opintojen huolellinen suunnittelu jo alkuvaiheessa vähentää kiirettä loppuvaiheessa. Todettiin, että loppuvaiheen prosessit eivät välttämättä ole pullonkaula, vaan nimenomaan hyvin organisoidulla väitöskirjatyön aloituksella voidaan nopeuttaa väitöskirjatutkijan työn edistymistä.
- Tuotiin esiin kesäkuussa 2024 UNIFI:n julkaisema tutkijakoulutuksen kansallinen suositus: Tutkijakoulutuksen tulevaisuuden suunta Suomessa: suositukset tutkijakoulutuksen kehittämiseksi.

6§ FIRI-katsaus

(esittelijä Emma Pirilä)

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Suomen Akatemian tutkimusinfrastruktuurien tiekarttahakuun lähetettiin Oulun yliopistosta 24 hakemusta. Haku päättyi 15.5.2024. Toiseen vaiheeseen pääsevät kutsutaan jatkoon lokakuun alussa. Päätökset rahoituksesta tehdään joulukuussa 2024 ja tammikuussa 2025. Suomen Akatemia järjestää tiekarttahaun neljän vuoden välein.

Lisäksi kuultiin katsaus EU:n tutkimusinfrastruktuuriohjelmasta (EU RI 2025).

7§ Poimintoja Akatemian Profi 8 -arvioitsijoille toimittamasta taustamateriaalista

(esittelijä Taina Pihlajaniemi)

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Oulun yliopiston kokonaisrahoituksesta noin 3,5 % on ollut strategisesti tärkeää profi-rahoitusta viimeisen yhdeksän vuoden aikana. Suurin piirtein saman suhteellisen osuuden rahoitusta ovat keränneet Jyväskylän yliopisto, Itä-Suomen yliopisto Tampereen yliopisto, Turun yliopisto ja Helsingin yliopisto. Aalto yliopisto on menestynyt profi-rahoituksen saamisessa suhteellisesti parhaiten (5 %).

Arvioitsijoille toimitetun julkaisuanalyysin perusteella (vuodet 2018-2021) Oulun yliopiston vahvoja tutkimusaloja (keskiarvo >1 kansallisessa vertailussa) ovat Web of Sciencen tieteenalaluokituksen mukaisesti: ICT and electrical engineering; Physics, geosciences, space science; Materials science, materials engineering; Engineering, other fields; Clinical medicine.

Opetus- ja tutkimushenkilökunnan uratasot painottuvat Oulun yliopistossa tasoille I (tutkijakoulutettava/nuorempi tutkija jne.) ja II (tutkijatohtori, jne.).

7§ Vuosikello

(esittelijä Mari Katvala)

Tutkimusneuvosto keskustelee tulevista tehtävistään ja päivittää tarvittaessa vuosikelloa. Vuosikello on nähtävissä tutkimusneuvoston työtilassa.

Päätösesitys: Tutkimusneuvosto päivittää vuosikelloa.

Päätös: Siirrettiin seuraavaan kokoukseen.

8§ Muut asiat

(esittelijä Mari Katvala)

8.1. Tutkimusneuvoston seuraava kokous ja loppuvuoden kokousajat

Seuraava kokous sovittu pidettäväksi 19.9.2024 klo 14.00–16.00 Teams-kokouksena.

Sovitaan kokousajat loka-joulukuulle.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvoston loppuvuoden kokousajat:

- 19.9.2024 klo 14–16, Teams
- to 17.10. klo 8–10, Teams
- ti 19.11. klo 14–16, Teams
- ti 17.12. klo 9–11, HR144

8.2. Muut asiat

Koulutusneuvoston ja tutkimusneuvoston yhteiskokous pidetään 3.9.2024 klo 14.00–15.00 Tellus Stagella lähitapaamisena. Kokouksen teemana on Yliopiston kielipolitiikka tutkimuksessa ja koulutuksessa.

9§ Kokouksen päättäminen

Taina Pihlajaniemi
puheenjohtaja

Mari Katvala
sihteeri

OULUN YLIOPISTO

Tämä dokumentti on allekirjoitettu sähköisesti UniOulu Sign-järjestelmällä
This document has been electronically signed using UniOulu Sign

Päiväys / Date: 27.08.2024 14:11:51 (UTC +0300)

Oulun yliopisto

Mari Katvala

Organisaation varmentama (UniOulu-käyttäjätunnus)
Certified by organization (UniOulu user account)

Certified by organization

Päiväys / Date: 28.08.2024 09:21:17 (UTC +0300)

Oulun yliopisto

Taina Pihlajaniemi

Organisaation varmentama (UniOulu-käyttäjätunnus)
Certified by organization (UniOulu user account)

Certified by organization