TUTKIMUSNEUVOSTON KOKOUS 9/2018

Aika: 27.9.2018 klo 14.00 – 16.30
Paikka: HR144

Tutkimusneuvoston jäsenet:
tutkimusrehtori Taina Pihlajaniemi, puheenjohtaja
professori Heli Jantunen
professori Sanna Järvelä
associate professor Jouni-Matti Kuukkanen
professori Juha Pekka Lunkka
professori Tuja Mainela
professori Mika Rämä
professori Mikko Sillanpää
professori Seppo Vainio
tohtrikoulutettava Pauli Väisänen

Muut:
suunnittelija Ritva Saastamoinen
tutkimuskoordinaattori Aija Ryyppö, sihteeri
palvelupaällikkö Miki Kallio (6§)
tutkimusrahoitusasiantuntija Janika Luukinen (8§)
informaatikko Jani Sassali (7§)
johtaja Teija Kekonen (6§)

1§ Kokouksen laillisuus ja päättösvaltaisuus
(esittelijä Aija Ryyppö)

Kutsu kokoukseen on lähetetty 19.9.2018. Hallintoelin on päättösvaltainen,
kun puheenjohtaja mukaan luettuna vähintään puolet jäsenistä on läsnä.

Päättöesitys: Tutkimusneuvosto toteaa kokouksen laillisesti kokoon kutsutuksi
ja päättösvaltaiseksi.

Pääös: Tutkimusneuvosto totesi kokouksen laillisesti kokoon kutsutuksi ja
päättösvaltaiseksi.
2§ Kokouksen esityslistan hyväksyminen
(esittelijä Aija Ryypö)

Päätösesitys: Esityslista hyväksytään.
Päätös: Esityslista hyväksyttiin lisäyksellä sihteerin valinnasta (3§)

3§ Sihteerin valinta tutkimusneuvoston kokoukseen 9/2018
(esittelijä: Taina Pihlajaniemi)

Päätösesitys: Kokouksen sihteeriksi valitaan tutkimuskoordinaattori
Aija Ryypö.
Päätös: Aija Ryypö valittiin kokouksen sihteeriksi.

4§ Tehtävien täyttöjen hyväksyminen – nimitysesitykset
(esittelijä Aija Ryypö)

4§ Esityskeseen liittyvät dokumentit ovat nähtävissä tutkimusneuvoston Optima-
byöjtöllä.

4.1. Esitys Ilkka Nissisen nimittämisestä Tenure Track-tehtävään Associate
Professor in Analogue and Mixed-signal Microelectronic Circuit Design
(Liitte 1).

The position for "Tenure Track Associate Professor or Full Professor of
Analogue and Mixed-Signal Microelectronic Circuit Design" is located in the
Circuits and Systems (CAS) research unit, Faculty of Information Technology
and Electrical Engineering (ITEE). The unit's current field of research is the
design of electronic and optoelectronic circuits and systems, the main topics
being time-to-digital converters and timing circuits, radio telecommunications
electronics, semiconductor devices and driver electronics for high-speed
electrical optical transmitters, electronics for laser ranging and optical
spectroscopy. The CAS research unit is affiliated to the Centre of Excellence in
Laser Scanning Research.

The tenure-track position in microelectronics circuit design is directed towards
analogue and mixed-signal circuit design in modern CMOS microelectronic
technologies. The tenure track position is open to highly talented individuals who
hold a doctor's degree and have excellent potential for a successful scientific
career. The successful applicant will be placed at the appropriate professor level
in the four-level tenure track system (http://www.oulu.fi/university/node/38379 ).

Responsibilities and Required Qualifications: A person at any level in the
academic tenure track system is expected to conduct world-class scientific
research, to be competitive in attracting external funding, to publish in leading
journals and conference reports, to supervise CAS’s doctoral students, to be an
active member of the international scientific community and to create and teach
related BSc and MSc courses.

Required qualifications and career advancement at each tenure track level:
Career advancement in the tenure track system is based on assessments of the
candidate's performance and merits.

The employment contract of an Associate Professor is a five-year fixed-term
contract. When fulfilling a position of a Senior Research Fellow / Associate Professor, the applicants of all units will be evaluated based on the following criteria:

- publication activities on an international level: scope, quality of publishing forums, references to the publications
- activity in graduate school
- acquisition of supplementary funding
- work during career in more than one research institute (in most fields represented in the University of Oulu, this means working abroad)
- active operations in international scientific communication accolades and awards.

Section 33 of the Universities Act states the regulations concerning the duties and selection process of Professors. The person selected to a position of a Professor is required to have a doctoral degree, high-quality scientific or artistic qualifications, experience of leading scientific research, ability to provide high-quality teaching based on research and supervise thesis work as well as evidence of international cooperation in the research field they represent. In addition to this, the position of a Professor requires skills to act as an academic leader. When assessing the merits of an applicant, the following will be considered: scientific publications and other research results that have scientific or artistic value, teaching experience, pedagogical education, skills to produce learning materials, other merits from teaching positions, teaching demonstration and guided thesis works. In addition to these, the following will be taken into account: the applicant's activity in the operations of the scientific community, practical knowledge of the subject if necessary, success in acquiring supplementary research funding, scientific work abroad, international positions as well as leadership and social skills.

In addition, excellent scientific quality will be set as the requirement when fulfilling the tenure track positions (world-class level, Academy of Finland scoring 5–6 out of 6, excellent-outstanding), which will be proven based on evaluations given by high-level international researchers.

The call for the position (open 13.11.2017 – 31.1.2018) received 11 applications. The library performed a publication analysis, on the basis of which the selection committee decided to send 5 applications (Nissinen Ilkka, Nissinen Jan, Ancillao, Raj, Aliko Janne, Håkkinen Juha) to external reviewers (professors Bram Nauta, Kari Aaltonen and Henrik Sjöland).

Based on the evaluation reports, the selection committee decided that only one candidate fulfilled the University of Oulu criteria for a tenure track position: The selection committee states that Dr. Ilkka Nissinen has extensive know-how in his topic, and is also interested in broadening his re-search interests to different application fields. He has some close international contacts and plans to network more, and intends to apply for EU funding. He is also the PI of an Academy of Finland consortium project "Single-photon detector array for simultaneous label-free Raman and fluorescence lifetime spectroscopy Digi-g-Det (Ilkka Nissinen, University of Oulu, Anssi Mäkynen, University of Oulu, Marjo Yliperttula, University of Helsinki, 2018 - 2021)". The selection committee considers this a good indicator of his ability to garner external competitive funding and to keep publishing in high-level publications of his field. Dr. Ilkka Nissinen is also an accomplished teacher and has won a teaching award for his work. He is able to teach many of the research unit's courses.

The selection committee (chair: Dean Jukka Riekki) therefore proposes that Dr.
Ilkka Nissinen is appointed to the tenure track position of Associate Professor in Analogue and Mixed-signal Microelectronic Circuit Design.

Päätös: Tutkimusneuvosto keskustee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvosto keskusteli asiasta ja hyväksyi esityksen Ilkka Nissisen nimittämisestä tenure track -tehtävään Associate Professor in Analogue and Mixed-signal Microelectronic Circuit Design. Tutkimusneuvosto havaitsi useita laskuviheitä asiantuntijoiden hakijoista antamien numeeristen arviointien yhteenvetotaulukossa. Tutkimusneuvosto edellyttää, että dekaani toimittaa tutkimusneuvostolle korjatun yhteenvetotaulukon pöytäkirjan liitteeksi.

4.2. Esitys Mika Ylianttilan nimittämisestä Tenure Track -tehtävään Associate Professor of Security in Wireless Networks ja esitys Marcos Katzin nimittämisestä Tenure Track tehtävään Associate Professor of Convergent IoT Communications for Vertical Systems (Liite 2a ja 2b)

The two positions for Tenure Track Assistant or Associate Professor of "Convergent IoT Communications for Vertical Systems" Tenure Track Assistant or Associate Professor of "Security in Wireless Networks" are located in the Centre for Wireless Communications – Networks and Systems (CWC-NS) research unit, Faculty of Information Technology and Electrical Engineering. The Centre for Wireless Communications consists of two intertwined research groups, namely Centre for Wireless Communication – Radio Technologies (CWC-RT) and Centre for Wireless Communications – Networks and Systems (CWC-NS). Research at CWC focuses on signal processing and radio engineering, radio access and network technologies as well as future wireless internet. The main application areas include 5G and beyond, IoT, secure virtualized networks, disaster prevention and recovery ICT, medical ICT, smart energy grids and mobile clouds.

A tenure-track position (Assistant or Associate Professor) in "Convergent IoT Communications for Vertical Systems" is directed to investigate, apply, and design new communications solutions for internet of things (IoT) as well as educate students for those. Initially, a successful applicant is expected to have a substantial research track targeting machine type communications connecting devices/things to the internet. Eventually, the position can evolve towards complex systems science providing views and solutions targeted to provisioning wireless communications networks where things, humans, energy, spectrum and computing converge. A strong track record in acquiring research funding and projects, cooperation with industry, as well as implementing research projects in the IoT for verticals related tasks are important for successful applicants for the position.

A tenure-track position (Assistant or Associate Professor) in "Security in Wireless Networks" is directed on research and education of different security threats and countermeasures in variety of operating conditions in networking and developing secure wireless network architectures and solutions in wireless and mobile networks. Relevant research topics include network security in 5G, security architecture design and implementation, security in Software Defined Networking (SDN) and Multi-Access Edge Computing (MEC), security in Internet of Things (IoT), and security in novel networking applications such as Blockchain. A strong track record in acquiring research funding and projects,
cooperation with industry, as well as implementing research projects in the
network security related tasks are important for successful applicants for the
position.

The position of a Postdoctoral Researcher / Assistant professor is intended for a
person who has completed their Doctoral Student stage, has just finished their
doctorate and is moving towards a professional researcher career. The position
is always fixed-term, and the duration of the term is 3–5 years. There can be a
maximum of two Postdoctoral Researcher periods. A Postdoctoral Researcher
can also work in project assignments. Doctors, whose dissertation was approved
a maximum of ten years ago, can be appointed to the position of a Postdoctoral
Researcher. The position requires an applicable doctoral degree, the ability to
work independently and the teaching skills required in the position.

The selection criteria for a Postdoctoral Researcher are as follows:

- researcher potential suitable to the position (publications, especially
  international referee publications; participation in the acquisition of
  funding/granted funding; connections to the international scientific
  community)
- in most fields, working abroad is typical to a professional researcher
career
- a prerequisite for a continuance term is proven development of skills
- expert procedure when advancing to Senior Research Fellow.

The employment contract of an Associate Professor is a five-year fixed-term
contract. When fulfilling a position of a Senior Research Fellow / Associate
Professor, the applicants of all units will be evaluated based on the following
criteria:

- publication activities on an international level: scope, quality of
  publishing forums, references to the publications
- activity in graduate school
- acquisition of supplementary funding
- work during career in more than one research institute (in most fields
  represented in the University of Oulu, this means working abroad)
- active operations in international scientific communication accolades
  and awards.

In addition, excellent scientific quality will be set as the requirement when fulfilling
the tenure track positions (world-class level, Academy of Finland scoring 5–6 out
of 6, excellent-outstanding), which will be proven based on evaluations given by
high-level international researchers.

The call was closed in 11.3.2018. The number of applications was 27; 10 for the
Security and 27 for the IoT. Some applicants applied for both positions. The
library performed a publication analysis, on the basis of which the selection
committee decided to send the applications to external reviewers (Mischa Dohler,
Hossam S. Hassanein, Giacomo Morabito). Arviontien perusteella
valmisteluryhmä päättyi kutsua haastatteluun Security paikkaan hakijat Mika
Ylianttila ja IoT-paikkaan hakijat Mika Ylianttila, Marcos Katz ja Behrouz Maham.

Mika Ylianttila on hakenut sekä Security että IoT-paikkoihin, joten hän tavoittaa


Valmisteluryhmä esittää "Tenure Track Associate Professor of Security in Wireless Networks" -tehtävään TKT Mika Ylianttilaa ja "Tenure Track Associate Professor of Convergent IoT Communications for Vertical Systems" -tehtävään TKT Marcos Katzia.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvosto keskusteli asiasta ja päättyi hyväksyä esityksen Mika Ylianttilan nimittämisestä tehtävään Tenure Track Associate Professor of Security in Wireless Networks ja esityksen Marcos Katzin nimittämisestä tehtävään Tenure Track Associate Professor of Convergent IoT Communications for Vertical Systems.

4.3. Esitys Tiedolla johtamisen Tenure Track -tehtävän täyttämättä jättämisestä (Liite 3)

Faculty of Technology of the University of Oulu announced a tenure track position in the area of Information Driven Management in the Research Unit of Industrial Engineering and Management (RU-IEM).

Industrial Engineering and Management (IEM) discipline combines technical knowledge, economic methods and the understanding of human behavior. The research in RU-IEM focuses on the following areas: product management, project management, well-being at work and productivity, and production management. The tenure track position in the Information Driven Management will be a member of the production management research team, however, the person selected for the position is expected to collaborate closely with other research areas as well.

Information driven management emphasises the use of data, information and knowledge in managerial decision-making processes. Information driven management requires also understanding of the information architectures, governance systems as well as tools and technologies applicable in management. The aim with the tenure track position is to start building a research team with focus on information driven management, where adding value through systematic utilization of data, information and knowledge are the key development drivers.

The duties in the position include developing a stream of high quality research in
the area of information driven industries, which would occur in internationally and
nationally recognized high quality research programs in co-operation with leading
national and international universities. As the research area of the tenure track
position is multidisciplinary in nature, we expect the research focus to be in line
with the current research areas of the RU-IEM, but we leave it open for applicants
to define a more specific research focus or theoretical perspective(s) to be
applied in the research.

Required qualifications at each level of the tenure track system are the following:

Assistant Professor:

The position of an assistant professor is for persons who have recently finished
their doctoral dissertation and are advancing towards a professional research
career. The position is always fixed term and the duration varies from three to five
years. A continuation period may be granted as defined in the University of Oulu
Tenure Track guidelines. Only doctors who have finished their doctoral thesis
less than ten years ago can be appointed to the position of an assistant
professor.

The selection criteria for an assistant professor are the following:

- Research potential, (publications, especially internationally refereed
  publications; participating in acquiring funding/funding granted;
  connections with the international community in the field)
- In most fields, working abroad is common during a professional research
career
- Demonstrating developed skills is a prerequisite for a continuation period
- University pedagogy competence.

Associate Professor:

- Publications on an international level: dissemination, quality of the
  publication forums, references to the publications
- Active role in research training
- Acquisition of additional funding
- Working in more than one research facility during one’s career (in most
  fields represented at the University of Oulu this signifies working abroad)
- An active role in the international scientific community
- Acknowledgements and awards
- University pedagogy competence

The position of an associate professor is initially a fixed-term position for five
years, but a continuation period may be granted or the position may be made
permanent. Being granted continuation for the position requires meeting the
above-mentioned criteria as well as successful research work as indicated in the
University of Oulu Tenure Track guidelines.

Full Professor:

Section 33 of the Universities Act states the regulations concerning the duties
and selection process of Professors. A person appointed to the position of a
professor must have a doctoral degree, high-level scientific competence, experience in leading scientific research, ability to provide high-level research-based teaching, and to supervise theses and participate in international cooperation projects in his/her field of expertise.

When evaluating the competency of an applicant, his/her scientific publications and other research results with scientific value, teaching experience and pedagogic training, ability to produce teaching material, other merits as a teacher, teaching demonstrations and supervised doctoral theses will be taken into consideration. Other factors to be taken into consideration are the activeness of the applicant in the international scientific community, practical experience in the field where applicable, success in acquiring supplementary research funding, as well as academic work abroad and other international positions.

The call was closed in 9.4.2018. There were 4 applicants for the position. All the applications were sent for the external evaluation to Kirsimaja Blomkvist, Nina Helander, Heikki Ailisto.

Asiantuntijalausunottojen perusteella valmisteluryhmä esittää, että haettua positiota ei täytetä tenure-menettelyllä eikä julkisteta uudelleen haettavaksi. Valmisteluryhmä, yhdessä tuotantotalouden tutkimusyksikön johtajan kanssa, esittää, että tiedolla johtamisen tutkimusyhmän johtajan positiio täytetään urapolukomenettelyyn kautta yliopistotutkijan tasoisena teknillisen tiedekunnan harkinnan mukaan.

Tiedolla johtamisen tenure track -tehtävän valmisteluryhmä suosittelee raportissaan, että tehtävähä jätetään täyttämättä. Ulkopuolisten asiantuntijajärjestöjen antamien lausunottojen mukaan kaikki neljä arvioituja hakijaa todettiin kelpoisiksi.


Edellä mainittujen syiden perusteella dekaani Riitta Keiski esittää, että tiedolla johtamisen tenure track -tehtävän jätetään täyttämättä. Tutkimusyhmän tarvittava osaaminen varmistetaan käyttämällä henkilök목täiseen urapolkuun kuuluvia rekrytointiä.

Päättöesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päättös: Tutkimusneuvosto keskusteli asiasta ja päättyi hyväksyä esityksen tiedolla johtamisen Tenure Track -tehtävän täyttämättä jättämisestä.

5§ Professorinimistyksen asiantuntijoiden hyväksyminen
(esittelijä Aija Ryppö)

5.1. Esitys asiantuntijoiden nimeämisestä: Maamekanikan ja pohjarakennustekniikan professori (Soil Mechanics and Foundation Engineering)

The position is a Professor in Soil Mechanics and Foundation Engineering, especially Geotechnical Design of Ground and Foundation Structures and Numerical Methods in Geotechnics position is located in the Structures and Construction Technology Research Unit. The Structures and Construction Technology Research Unit supports the research in the Faculty of Technology in
a versatile manner. Steel and Metal Engineering and Structural Design expertise support the faculty's steel research. The Group of Structural Design specializes in the design and implementation of so-called exceptionally demanding structures in research and education. The sphere of operations covers residential construction and demanding industrial construction sites such as bridges, power plants and mining facilities. Construction technology research has focused on digitalization of construction processes, in particular BIM in the design and production of routes, bridges and buildings, construction automation and robotics in factories and construction sites, as well as automated work machines and vehicles. The group of technical mechanics provides courses in material strength and mechanics required for Degree Programs in both Construction and Mechanical Engineering.

The Professor is responsible for the research and teaching in Soil Mechanics and Foundation Engineering, and to develop them together with researchers and teachers in other areas of study. The candidate is required to have an in-depth knowledge and evidence of research-based teaching in the field. The candidate is expected to have strong evidence of national and international networking, as well as planning of international and national projects, acquiring extramural funding (e.g. industrial financing, Tekes, Academy of Finland, EU funding programs, others) and leadership. Industrial experience and industrial contact network are considered as merits. The applicant is also expected to be active in international publishing and have experience in supervising doctoral dissertations in the field.

When assessing the applicants, the merits that are taken into consideration include scientific publications and other research results with scientific value, artistic merits, success in acquiring supplementary research funding, experience in leading research groups, teaching experience and pedagogical training, the skill to create teaching material, other teaching merits, the demonstration lecture, and the doctoral theses the applicant has supervised. In addition, the following merits will be taken into consideration: the applicant's activity in the scientific community and university administrative tasks, practical experience, success in applying for supplementary research funding, evidence of cooperation in the field and scientific work abroad, international duties as well as management and interaction skills. In addition, the management of geotechnical computing software and the practical know-how in the field are considered as a merit. Education and research in the field should support the Degree Program in Construction and Civil Engineering, as well as the Degree Program in Mining and Enrichment Technology and the Degree Program in Environmental Technology.

Section 33 of the Universities Act states the regulations concerning the duties and selection process of Professors. The person selected to a position of a Professor is required to have a doctoral degree, high-quality scientific or artistic qualifications, experience of leading scientific research, ability to provide high-quality teaching based on research and supervise thesis work as well as evidence of international cooperation in the research field they represent. In addition to this, the position of a Professor requires skills to act as an academic leader. When assessing the merits of an applicant, the following will be considered: scientific publications and other research results that have scientific or artistic value, teaching experience, pedagogical education, skills to produce learning materials, other merits from teaching positions, teaching demonstration and guided thesis works. In addition to these, the following will be taken into account: the applicant's activity in the operations of the scientific community, practical knowledge of the subject if necessary, success in acquiring supplementary research funding, scientific work abroad, international positions as well as leadership and social skills.
Tehtäväantottyyöryhmän esitys arvioinnissa käytettävistä asiainantijoista on seuraava, johon pyydämme tutkimusneuvoston arviota:

1. arvioitsija: Karstunen, Minna
2. arvioitsija: Knutsson, Sven

1. Evaluator candidate

Name Karstunen Minna

Address: CHALMERS UNIVERSITY OF TECHNOLOGY - SE-412 96 GOTHENBURG, SWEDEN

Email: minna.karstunen@chalmers.se

Web page: (instituutin www-sivu) http://orcid.org/0000-0002-5401-5721

Qualifications:

Full Professor at the Division of Geology and Geotechnics.


Main topics of research: Minna is a Full Professor at the Division of Geology and Geotechnics, research group Engineering Geology and Geotechnics. The focus of her research is the complex rate-dependent stress-strain behavior of soft natural clays. Soft clays cover large areas of Northern Hemisphere and form a major challenge in infrastructure construction, as well as a natural hazard. Minnas research encompasses constitutive model development, implementation in numerical codes and application in practical context, supported by experimental testing and field scale validation. Furthermore, Minna is interested in further development and modelling of ground improvement methods.

Relevance of research by evaluator to evaluate applicants: High relevance.

Selected examples of most relevant publications:

1. An anisotropic elastoplastic model for soft clays, Journal article 2003
2. Consistent Class A & C predictions of the Ballina test embankment, Journal article 2018

Research parameters:

H-index (indicate source): 19
Number of scientific publications: 86

2. Evaluator candidate

Name Knutsson, Sven

Address: F1036 CAMPUS LULEÅ F HUSET, plan 3

Sven.Knutsson@ltu.se +46 (0)920 493312
Email: Sven.Knutsson@ltu.se

Qualifications: Professor, Soil Mechanics

Current academic position: Professor of soil mechanics at Luleå University of Technology.

Main topics of research: Frost, frost action, thaw weakening, permafrost, snow mechanics, Water retention dams; internal erosion, stability, Tailings dams; mechanical properties, long term stability, Erosion and erosion processes, Mechanical properties in coarse grained material, Use of industrial by-products, Dredging and deposition of dredged sediments

Relevance of research by evaluator to evaluate applicants: High relevance.

Selected examples of most relevant publications:

1. Article in journal


2. Article in journal


3. Article in journal


Research parameters:

H-index (indicate source): 8
Number of scientific publications: 85

Päätösesitys: Tutkimusneuvosto keskustelee asiasta ja tekee tarvittavat päätökset.

Päätös: Tutkimusneuvosto keskusteli asiasta ja hyväksyi esityksen asiantuntijoiden nimeämistä: Maamekaniikan ja pohjarakenustekniikan professuurin (Soil Mechanics and Foundation Engineering) hakemusten arvioijiksi.

6§ Oulun yliopiston avoimen tutkimuksen politiikka
(esittelijä: palvelupäällikkö Miki Kallio)

Esittelymateriaali löytyy tutkimusneuvoston Optima-työtilasta.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta.

Päätös: Tutkimusneuvosto keskusteli asiasta ja totesi yliopiston ATT:n
edelytysten kehittämistyöryhmän edenneen tehokkaasti yliopiston ATT-politiikkaluonnonksen valmistelussa.

7§ Bibliometristet palvelut yliopiston tenure track -rekrytöinnin tukena ja muuta ajankohtaista kirjastosta
(esittelijä: informaattiko Jani Sassali)

Esittelymateriaali löytyy tutkimusneuvoston Optima-työtilasta.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta.

Päätös: Tutkimusneuvosto keskusteli asiasta ja totesi, että on suositeltavaa käyttää yliopiston kirjaston bibliometristä palvelua tutkijarekryointien tukena.

8§ H2020-hankeytteenvedon tarkastelu
(esittelijä johtaja Teija Kekonen)

Esittelymateriaali löytyy tutkimusneuvoston Optima-työtilasta.

Päätösesitys: Tutkimusneuvosto keskustelee asiasta.

Päätös: Tutkimusneuvosto keskusteli asiasta.

9§ Vuosikello
(esittelijä Aija Ryppö)

Päätösesitys: Tutkimusneuvosto päivittää vuosikelloa.

Päätös: Sihteeri ja puheenjohtaja päivittävät vuosikellon seuraavan kokouksen.

10§ Muut asiat

10.1. Tutkimusneuvoston seuraava kokous
(esittelijä Aija Ryppö)

Päätösesitys: Tutkimusneuvosto sopii lokakuun kokousajan.


11§ Kokouksen päättäminen

[Unterschriften]
Taina Pihlajaniemi
puheenjohtaja

Aija Ryppö
sihteeri