Recruitment

Professor in Cryptology

The vacancy is open to talented individuals who are interested in an excellent opportunity to pursue a successful scientific career. The position is targeted primarily at candidates for the Assistant Professor level. However, candidates with an outstanding record for Associate or Full Professor levels may be considered. The professorship is a joint position between the Department of Computer Science and the Department of Mathematics and Systems analysis. Review of the applications will begin on April 1, 2017. Further details of the application procedure are available here.

Professor in Large-Scale Data-Intensive Systems

The Department of Computer Science at Aalto University invites applications for a tenured or tenure-track professor in Large-Scale Data-Intensive Systems. Review of the position will begin on April 9, 2017. The position will remain open until filled. For further information, please visit here.

Several Postdoctoral Researcher and Research Fellow Positions in ICT (Helsinki, Finland)

Aalto University and University of Helsinki, the two leading universities in Finland within computer science and information technology, are looking for excellent researchers in several areas of ICT. For the full call text and information about the application process, please visit here. The deadline for the call is March 19, 2017.

Events

CS department meeting

- Topics of the meeting are CS department's development ideas and actions, Data at CS, Open source and innovation & awards. Coffee and buns will be served at the beginning of the meeting. There will be a webcast during the meeting.
  - Date: 21.3.2017
  - Time: 13:00-15:00
  - Location: TU2, TUAS building

Lectures, seminars and workshops

- Harri Valpola (Curious AI Company), "Future AI: Autonomous machine learning and beyond"
  - CEO of the Curious AI Company Harri Valpola gives a talk in the weekly meeting Machine learning coffee seminar.
  - Date: 20.3.2017
  - Time: 9:15-10:00 (porridge and coffee served at 9:00)
  - Venue: T5, CS building

- Darco Hric (Aalto University), "Stochastic Block Model Reveals the Map of Citation Patterns and Their Evolution in Time"
  - Doctoral Candidate Darco Hric gives a talk in the weekly meeting Complex Systems and Networks Seminar.
  - Date: 23.3.2017
  - Time: 14:00-15:00
  - Venue: T6, CS building

- Syamantak Das (University of Bremen), "On minimizing the makespan with bag constraints"
  - Postdoctoral researcher Syamantak Das gives a talk in the weekly meeting Helsinki Algorithms Seminar.
  - Date: 30.3.2017
  - Time: 16:00-17:00
  - Venue: Learning Centre 126 Juho, Otaniementie 9

- Teemu Leinonen (Aalto University) - About e-learning: a second thought
  - Associate Professor Teemu Leinonen gives a talk in AOLE Forum, a series of open events.
  - Date: 30.3.2017
  - Time: 11:00-12:00
  - Venue: Makerspace, Learning Centre, Otaniementie 9

Other events

- SCI Research, Art and Impact Assessment (RAI) Info event
Aalto will conduct a Research, Art and Impact Assessment (RAI) in 2018, and now it is time to start influence how your unit and results will be evaluated. You are welcome to take part in the info and discuss with Vice President Tuija Pulkkinen about the RAI: why, what, who and when. Info is previous to Meet the Dean.

**Date:** 17.3.2017  
**Time:** 12:30-13:30  
**Venue:** T3, CS building

**Meet the Dean**

Welcome to the School of Science [weekly meeting with the Dean](#). Feel free to discuss both current topics as well as long-term matters. Coffee and tea will be served.

**Date:** 17.3.2017  
**Time:** 13:00-14:30  
**Venue:** Learning Hub, CS building

**President's Aalto Coffee**

Aalto personnel and students are warmly welcome to [President’s Aalto Coffee](#) where President Tuula Teeri will discuss topical Aalto issues. Please [register](#) by 22.3.

**Date:** 29.3.2017  
**Time:** 9:00-11:00  
**Venue:** Lecture hall B, Otakaari 1

### Training

**Funding training**

ERC Advanced Grant training. Time: 30.05.2017, at 10:00-16:00; Venue: Room H304 Hallituksen istuntosali, Otakaari 1. Programme includes call description, proposal development lectures, and individual sessions with Beacon Tech Ltd. consultants (to be booked in advance, limited number of sessions). Registration (by 15.05.) and programme in [Inside](#).

Marie Skodowska-Curie Individual Fellowships training. Time: May 31, 2017, at 09:00-12:45; Venue: Room U358, Otakaari 1. Registration (by 24.05.) and programme in [Inside](#).

**Current training for staff**

#### LANGUAGES

- **23.3.2017** *Introduction to Finnish Language and Culture* 1B (in Finnish/English). You can participate in this course after having absolved the 1A class or if you have studied a similar course elsewhere. This is not a beginners’ class. Registration has ended, but there is still room for a few more participants! Please contact [directlycompetencedevelopment@aalto.fi](mailto:directlycompetencedevelopment@aalto.fi).
- **26.04.2017** *English for Customer Service* (in English)

#### LEADERSHIP DEVELOPMENT

Onboarding journey for academic leaders. You can start your journey by enrolling to the “As a leader in Aalto” eLearning [here](#). Course key is aaltoleader.

- **25.04.2017** *Providing direction & managing effectively for academics*  
- **18.05.2017** *Leading & engaging people for academics*  
- **13.06.2017** *Collaboration towards excellence for academics*

#### HR

- **19.05.2017** *Learn Basic Facilitation Tools*

#### INTERCULTURAL SKILLS

- **11.04.2017** *Developing Intercultural Competence in the Global Workplace*

#### PROJECT MANAGEMENT

- *Project Management 1 (PM1)* 25 & 26 April 2017 (in English)  
- *Project Management 2 (PM2)* 22 & 23 May 2017 (in English)

### Conferences and competitions

MyData 2017 call for proposals and call for abstracts open until 30.3.

Simple steps to submit your MyData 2017 programme proposal.

1. Get inspired

   In this call for proposals we welcome all content suggestions related to human centric personal data. Have a look at our [About](#) pages and the [descriptions](#) of the 12 topic tracks of the conference.

2. Choose your format
There is a list of suggested programme formats in the submission form. Please indicate one or more formats that would suit your suggestion best.

3. Fill out the submission form

We use Trello as the tool for managing proposals we receive. When you fill in the submission form your proposal is sent to the programme team and becomes visible to others who have submitted ideas. You are invited to join the Trello board so that you can refine your proposal after submission based on the questions and ideas from others. You can submit a first draft quickly and come back later bearing in mind that the deadline for the final submissions is 30 March 2017.

A separate call for academic abstracts is also on going. The themes of submitted abstracts should be related to the 12 topic tracks of the conference. More information and submission form here.

More information hello@mydata.org

HIIT Open 2017

HIIT Open 2017 — programming contest is open to everyone, including university students, high-school students, university researchers, and teams from companies. The contest takes place on Saturday, 27.5.2017 in the Computer Science building, Konemiehentie 2, Espoo. There is no registration fee — the event is made possible with support from HIIT and Aalto University. Registration will open one month before the contest, on 27.4.2017

Jyväskylä summer school

The 27th Jyväskylä Summer School on 7.-18.8.2017 offers courses for advanced Master’s students, PhD students, and post-docs in various fields of science and information technology. Students from all over the world are encouraged to apply and to benefit from the high quality interdisciplinary teaching of the Summer School. The Jyväskylä Summer School provides students with an excellent opportunity to participate in a large number of courses and enjoy high quality teaching by respected researchers from all over the world. The language of instruction is English in all courses. Deadline for applications is 30.4.2017!

PhD defences

Tommi Vatanen, M.Sc. (Tech.), will defend the dissertation "Metagenomic analyses of the human gut microbiome reveal connections to the immune system" on 24 March 2017 at 12 noon in Aalto University School of Science, lecture hall AS1, Maarintie 8 (former Otaniemiestie 17), Espoo. Opponent: Associate Professor David Berry, University of Vienna, Austria. Custos: Professor Harri Lähdesmäki, Aalto University School of Science, Department of Computer Science. More information.


Mathias Berglund, M.Sc. (Tech.), will defend the dissertation "Unsupervised Networks, Stochasticity and Optimization in Deep Learning" on 11 April 2017 at 12 noon in Aalto University School of Science, lecture hall T2, Konemiehentie 2, Espoo. Opponent: Professor Max Welling, University of Amsterdam, the Netherlands. Custos: Professor Juha Karhunen, Aalto University School of Science, Department of Computer Science. More information.

In the media

Doctoral student Eric Malmi has developed a family tree algorithm called AncestryAI that automatically searches for a child’s most probable parents and creates family trees based on this. More information from cs.aalto.fi and Hilavitkutin.com.

Professor Tuomas Aura estimates the significance of the CIA leaks to spy on people using smart devices. More information from Yle and Ti vi.

The award for best doctoral dissertation in 2016 at Aalto University School of Science was given to Miika Aittala for his dissertation "Computational Methods for Capture and Reproduction of Photorealistic Surface Appearance". Congratulations Miika!

Funding calls

Academy of Finland April call

The April Call 2017 of the Academy of Finland has now been published. The call is open on 3.-26.4. Including for example:

Funding for research post as Academy Professor

Development and innovation programme ICT 2023

- Funding may be applied for under the following three themes:
  - industrial internet
  - computation, machine learning and artificial intelligence
  - user-centred health technology and digital health services
- The Academy’s preliminary funding budget for these thematic calls is a total of 12 million euros.

H2020 - EU Framework Programme

- ICT, deadline 25.04.2017, multiple topics, consortium required.
- ECSEL Joint Undertaking, 1st stage deadline 11.05.2017, Research and Innovation Action (RIA) and Innovation Action (IA). Eligibility requirement: industrial consortium that may consist of universities, institutes, SMEs and large companies. Aim is new knowledge / feasibility of a new or improved technology, product, process, service, method, tool or solution. The technologies in the ECSEL Multiannual Strategic Plan 2017 include semiconductor processing, equipment and materials; design technology; Cyber-Physical Systems, Integrated Smart System and Safety and Security.
• Marie Sklodowska-Curie Research and Innovation Staff Exchange (RISE), deadline 05.04.2017. Eligibility requirement: consortium with at least three countries. If all partners are universities, a non-EU country participant is required. Recruiting is not possible, only secondments are funded, up to 540 person-months per consortium; flat-rate funding 4500 € per person-month. More information on the website.
• ERC Advanced grant, deadline 31.8.2017 (call to be opened later). Up to 2.5 M€ for 5 years for established research leaders with a recognised track record of research achievements. No consortium – single PI proposal. More information in Inside.

Licentiate thesis presentations
Maria Pittou will present her Licentiate thesis "Contributions to multi-view modeling and the multi-view consistency problem for infinitary languages and discrete systems" 22.3.2017 at 11:00 in room A106. Supervisor Prof. Stavros Tripakis.

MSc thesis presentations
Yiping Liao will present his MSc thesis "Interactive Intent Modeling Based on Probabilistic Sparse Models" 21.3.2017 at 14:00 in room A346. Supervisor Prof. Samuel Kaski.


Elias Jääskinen will present his MSc thesis "Tapaustutkimus: SCRUM-menetelmä opetuspelin ohjelmistokehityksen menetelmänä" 21.3.2017 at 15:00 in room A346. Supervisor Prof. Kari Smolander.

Services

Objective discussions by June 30

Objective discussions are held regularly, at least annually. According to the Aalto timeline for this year all objective discussions should be held by June 30. Objective discussions are a practical tool for building excellence together, but the most important is to remember reflection, discussion and sparring as part of daily work whereas objective discussions provide you with an opportunity for a deeper dialogue. Instructions and more detailed information regarding the discussion is available at:

• In Finnish
• In English
• Handy, short objective discussion form template available here.

The following CS News will be published 24.3.2017. Deadline for materials is by 23.3.2017 in the morning. Any tips on news items are welcome! Contact us by email communications-cs@aalto.fi or in the social media https://twitter.com/CSAalto / https://www.facebook.com/CSAalto