Finnish Software Engineering Doctoral Research Network
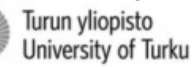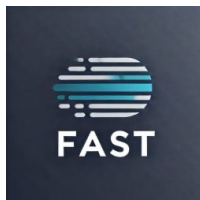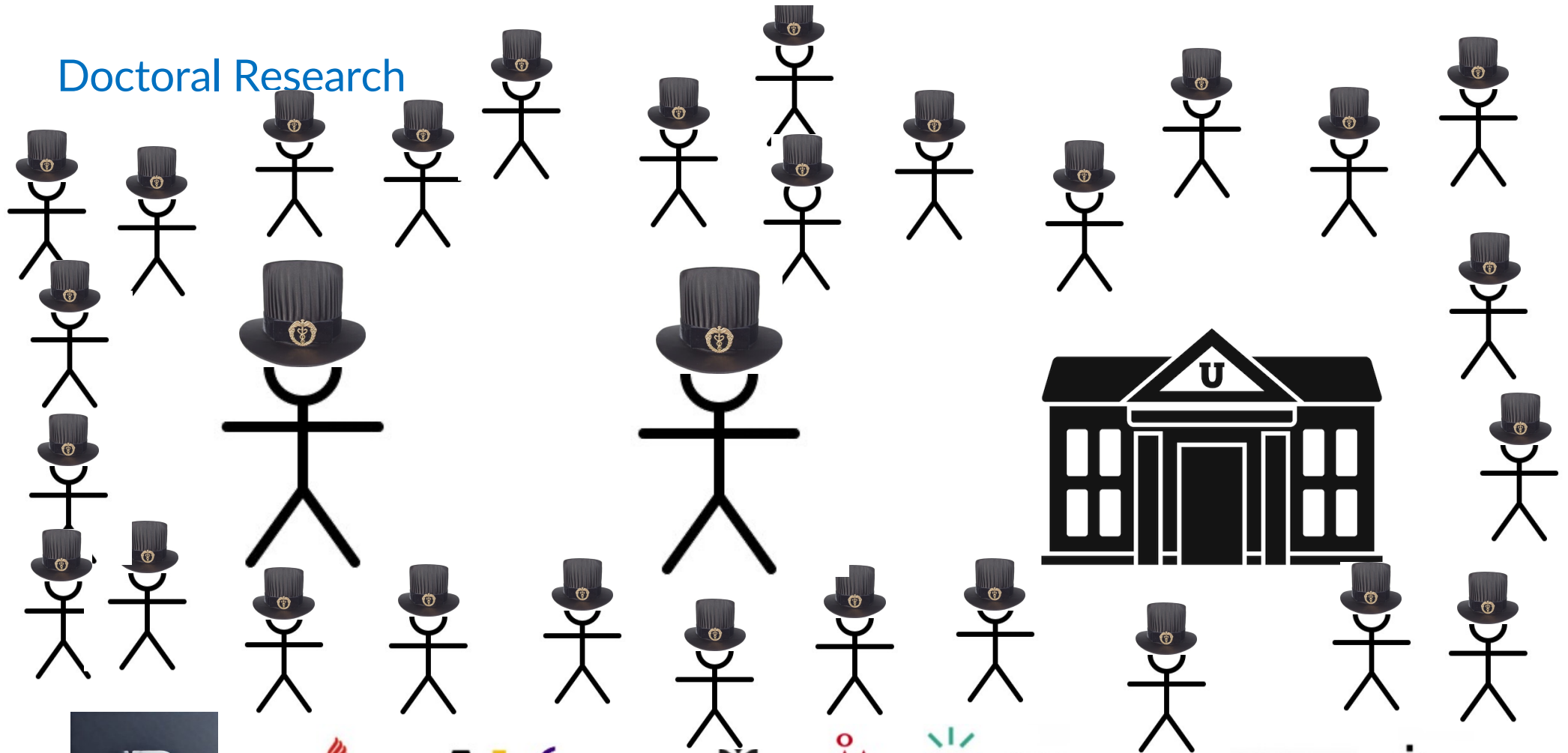
Ivan Porres | Åbo Akademi University | ivan.porres@abo.fi
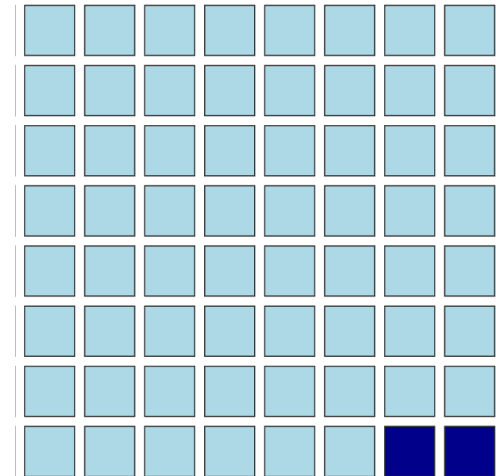
Doctoral Research

Goals for the FAST Doctoral Research Network

Support doctoral research in Software Engineering in Finland by promoting:

1. High-quality research

2. Timely graduation

3. Results and careers for the Finnish industry and society
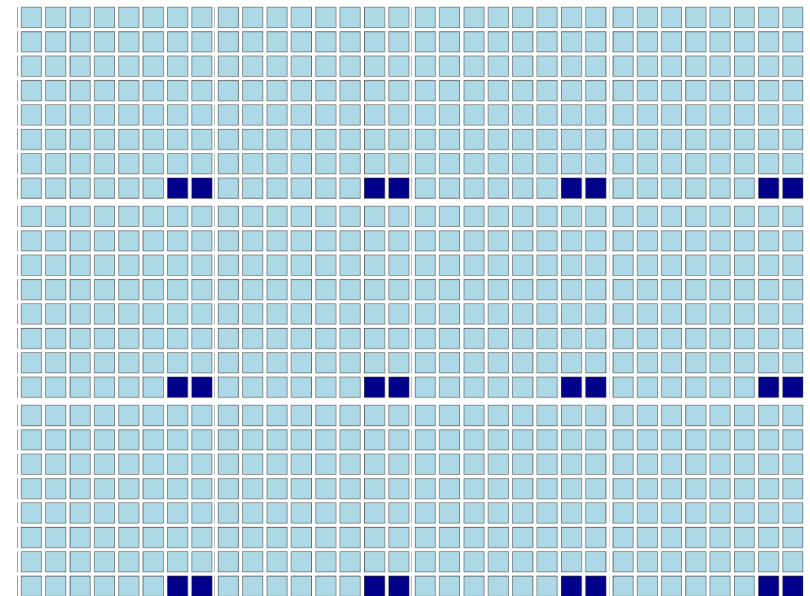
4. Well-being of our members

FAST Sprint Meetings

- We organize our activities around 3-month sprints

- At the end of each sprint, there is a 2-day plenary meeting, for feedback, retrospective and planning

- A place and time to meet and learn from each other

FAST Sprint Meetings

- #1 Helsinki: Research poster

- #2 Lahti: Detailed research plan

- #3 Oulu: Plan 1st research article | Research poster

- #4 Helsinki: Draft 1st article | Detailed research plan

- #5 Jyväskylä: Retrospective, leading yourself

#6 Tampere

What every researcher should know about responsible research with Generative AI

Muhammad Waseem, Today 10:40-12:00

Doctoral Researcher

Learn about responsible conduct of research

https://vastuullinentiede.fi/en

Learn when and how to use AI in your work

Supervisor

Promote responsible research practices

https://tenk.fi/en

Define a policy on AI usage for your group

Mini Conference

Research presentations about plans, drafts in progress or published articles

- Today 13-16h, tomorrow 13-15h

Doctoral Researcher

Practice your presentation skills

Prepare, deliver, answer questions

Learn what others are doing

Research topics, and methods

Talk with (at least) one person after their presentation!

Supervisor

Provide constructive feedback

Promote collaborations

Career Stories

Iftikhar Ahmad, Laura Hokkanen, Marko Leppänen

- Short presentations on their career after their PhD

- Today 10:20-10:40, tomorrow 10:30-12:30

Doctoral Researcher

Learn about different careers for PhD holders

Reflect on how to prepare yourself for the future

Supervisor

Discuss career plans with your researchers

in the yearly development discussions

How to make a startup business out of your research

- Kai-Kristian Kemell

  - Tutorial, preparation for FAST #7 meeting in Joensuu

  - Tomorrow 9.00-10:30

Doctoral Researcher

    Learn about research startups

    Make a plan for *your* research startup

Supervisor

    Promote startup activities in your team

    Help drafting business plans

Community meetings, dinner

Today after 16h

Doctoral Researcher

    Peer discussion and support

    How can the FAST meetings support you?

Supervisor

    Peer discussion and support

    How can the FAST meetings support you?

Day 1 Tuesday 4.11.25 *

09:00–10:00	Registration

Plenary session, location: floor 1, room Henrika 2. Chair: Kari Systä.

10:00–10:20	Goals for this meeting. Ivan Porres.
10:20–10:40	Career story: Iftikhar Ahmad.
10:40–12:00	What every researcher should know about responsible research with Generative AI, workshop. Muhammad Waseen.

Lunch, location: half floor down from floor 1, the main restaurant

12.00 – 13.00	

Mini conference, parallel breakout sessions, part I, location: floor 1

13:00–16:00	Time	Parallel Sessions	Location
	13:00–13:50	Security & Identity	Emilia
		Regulation & AI	Henrika 2
		Processes & Methods 1	Henrika 3
	14:10–15:00	Quality	Emilia
		Data Engineering	Henrika 2
		Processes & Methods 2	Henrika 3
	15:10–16:00	Edge AI & Federated Learning	Emilia
		Requirements Management	Henrika 2
		Formal Approaches & Quantum	Henrika 3

Community meetings, location: floor -2

16:15–17:45	SG meeting, location: room Ranta Diplomaatti. Chair: Ivan Porres.
16:15–17:00	Supervisor community meeting, location: room Hiekka Diplomaatti. Chair: Ella Peltonen.
16:15–17:00	PhD community meeting, location: room Harju Diplomaatti. Chairs: Tamara Ahmed, Md Mahade Hasan.

* Need a room for an ad-hoc meeting? Rooms Ranta Diplomaatti, Hiekka Diplomaatti, and Harju Diplomaatti are available until 16:15. Location: floor -2.

Day 2 Wednesday 5.11.25

Tutorial on how to make a startup business out of your research, location: floor 1, room Henrika 2. Chair: Kari Systä.

09:00–10:30	How to make a startup business out of your research. Tutorial and preparation for the 7th FAST Spring Meeting. Kai-Kristian Kemell.

Career path presentations, location: floor 1, room Henrika 2. Chair: Kari Systä.

10:30–12:00	Career stories: Laura Hokkanen, Marko Leppänen and Hadaytullah Kundi.

Lunch, location: half floor down from floor 1, the main restaurant

12.00 – 13.00	

Mini conference, parallel breakout sessions, part II, location: floor 1

13:00–15:00	Time	Parallel Sessions	Location
	13:00–13:50	Software Business	Henrika 2
		Programming	Henrika 3
	14:10–15:00	Architecture & Cloud	Henrika 2
		Safety Critical Domains	Henrika 3

Closing and the Next Meeting, location: floor 1, room Henrika 2. Chair: Kari Systä.

15:15–15:30	About the 7th FAST meeting, 3-4.2.2026, Joensuu