

ELISE Wrap Up Conference & ELLIS Community Event

Scandic Grand Marina Congress Centre & Hotel, Helsinki

26-28 June, 2024

Detailed program

Time Zone is EEST (Finnish and Greek time zone)

Day 0 – 26 June

VISION 4th Community Workshop

[Baltica room](#), Scandic Marina Congress Centre

In collaboration with VISION and the European Commission, ELISE will participate in two joint sessions with the VISION 4th Community Workshop in Thessaloniki, Greece. Attendees of the ELISE Wrap Up Conference in Helsinki will meet in the Baltica room at the Scandic Marina Congress Centre and join the sessions in Greece through Webex. These sessions will be immediately followed by a welcome reception in the Fennia I room at the Congress Centre.

14:00-15:30 NoE collaborative actions: Joint SRA and Ecosystem Mapping	
<i>This session will unveil a new interactive map tool of the European AI/ML ecosystem and the new common European Strategic Research Agenda for AI/ML.</i> <i>Attendees will be invited to give feedback and make suggestions about how these tools can be developed in the future.</i>	Organizers: VISION, TAILOR & ELISE Helsinki moderator: Chris Murray (ELISE, Aalto University) Speakers/Thessaloniki moderators: Claudio Lazo (VISION, TNO) Géraud Guilloud (TNO) Speakers: Jessica Montgomery (ELISE, University of Cambridge) Fredrik Heintz (TAILOR, Linköping University)
15:30-16:00 Break	
16:00-17:00 World café on sustainability of the NoE community	
<i>The format of this session is breakout rooms, where the group in Helsinki will form one room and join the other rooms remotely in Greece. The purpose is to collect suggestions for how the activities of the AI/ML Networks of Excellence can be sustained into the future.</i> Note: <i>Timing is an estimate, may end 15-30 mins later.</i>	Organizers: VISION, TAILOR & ELISE Speaker/Moderator: Holger Hoos (TAILOR, Leiden University)

Welcome Reception

[Fennia I room](#), Scandic Marina Congress Centre

17:30-20:00
Drinks and canapés

Day 1 – 27 June

*The Main Program consists of keynote addresses to the plenary, parallel workshops and presentation sessions. All sessions, except the EuroHPC working group and the Sustainability of the NoEs meeting, are open to all attendees. **However due to limited room capacity, preference will be given to those who have registered for, or been invited to, specific workshops.***

Note: The rooms for the workshops are all in the Scandic Marina Congress Centre.

[Livestreams on YouTube](#) (keynotes from Schölkopf, Lawrence, Bengio, and ELISE panel)

Plenary sessions

Second Floor lobby and [Fennia II](#) room, Scandic Marina Congress Centre

8:30-9:00 Walk in, registration, coffee	
Second Floor lobby, Congress Centre	
9:00-9:10 Welcome address	
Fennia II, Congress Centre	Professor Sami Kaski (Finnish Centre for Artificial Intelligence and Manchester Centre for AI Fundamentals)
9:10-10:10 Keynote address	
Fennia II, Congress Centre	Professor Bernhard Schölkopf (Max Planck Institute and ELLIS Institute Tübingen): <i>On open problems of (European) AI</i>
10:10-10:30 Coffee break and move to parallel sessions	

Parallel sessions

Various rooms, check schedule below

10:30-12:00				
ELISE panel and workshop: AI, ELLIS, and the European Public Nordia, Congress Centre (max capacity 110) Speakers: Neil Lawrence (University of Cambridge) Bernhard Schölkopf (Max Planck Institute, ELLIS Institute Tübingen) Petri Myllymäki (University of Helsinki) Jessica Montgomery (University of Cambridge) Timo Harakka (Member of the Parliament of Finland)	Human-centric Machine Learning Research Program Workshop Eliel Room, Congress Centre 1st floor (max capacity 37) The program for this Research Program workshop can be found at the website.	EuroHPC Working Group Meeting Room 1, Congress Centre Closed session, invitees only!	Robust Machine Learning Research Program Workshop Fennia II, Congress Centre (max capacity 250) The program for this Research Program workshop can be found at the website.	Presentations of the SMEs chosen in ELISE's Open Calls Baltica, Congress Centre (max capacity 50) Click the names of the SMEs to learn more about their exciting work! Running order: 1.) INVT Novi Sad 2.) AIGEA Medical 3.) AD Cube 4.) Labvanced (remote) 5.) EfemerAI (remote)
12:00 - 13:00				
Lunch served in Second Floor lobby, Congress Centre				

13:00-14:30

**ELLIS PhD Program:
Milestones & Student
spotlights**

[Nordia](#), Congress Centre
(max capacity 110)

Speakers:

Lynn Anthonissen (University of
Tübingen): *ELLIS PhD Program -
Program Highlights*

Maximilian Beck (JKU Linz) -
xLSTM: *Extended Long
Short-Term Memory*

Sindy Löwe (University of
Amsterdam): *Giving Orientation
to Neural Networks (remote)*

Piera Riccio (ELLIS Alicante):
*Aesthetics of the Human Body
in the AI Era*

Vishaal Udandara (University
of Tübingen): *A Four Part Story
on the Generalisation of
Foundation Models*

**Human-centric Machine
Learning Research Program
Workshop**

[Eliei Room](#), Congress Center
1st floor (max capacity 37)

The program for this Research
Program workshop can be
found at [the website](#).

EuroHPC Working Group

[Meeting Room 1](#), Congress Centre

Closed session, invitees only!

**Robust Machine Learning
Research Program Workshop**

[Fennia II](#), Congress Centre
(max capacity 250)

The program for this Research
Program workshop can be
found at [the website](#).

**ELISE 2nd Open Call
Presentations of the SMEs
chosen in ELISE's Open Calls**

[Baltica](#), Congress Centre
(max capacity 50)

Click the names of the SMEs to
learn more about their exciting
work!

Running order:

1.) [Synamic Technologies](#)

2.) [FuVex](#)

3.) [Perciv AI](#)

4.) [Axyon AI](#)

5.) [World from Space](#)

6.) [Denovo Sciences](#) (remote)

14:30 - 15:00

Coffee break

15:05-16:15
(approximate time)

ELISE Workshops, Fellows Exchange Video Presentation and Researcher Spotlights Nordia, Congress Centre (max capacity 110) Speakers: Josef Sivic (remote) and Marcela Kamenska (Czech Technical University in Prague) José Miguel Hernández-Lobato (University of Cambridge) (remote) <i>Machine Learning for Earth and Climate Sciences</i> Lasse Blaauwbroek (remote) <i>Developer of the Tactician theorem proving platform for the Coq proof assistant</i>	Human-centric Machine Learning Research Program Workshop Eliei Room, Congress Centre 1st floor (max capacity 37) The program for this Research Program workshop can be found at the website.	EuroHPC Working Group Meeting Room 1, Congress Centre Closed session, invitees only!	Robust Machine Learning Research Program Workshop Fennia II, Congress Centre (max capacity 250) The program for this Research Program workshop can be found at the website.	ELISE 2nd Open Call Presentations of the SMEs chosen in ELISE's Open Calls Baltica, Congress Centre (max capacity 50) Click the names of the SMEs to learn more about their exciting work! Running order: 1.) Rhino Health 2.) Artys (remote) 3.) Innovation Dooel 4.) Ellogon.ai 5.) Algomo (remote)
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16:15-16:30
Break for move to plenary session

Plenary session

[Fennia II](#) room, Scandic Marina Congress Centre

16:30-17:30 Keynote address
Professor Neil Lawrence, University of Cambridge <i>The Atomic Human - Understanding Ourselves in the Age of AI</i>

Closed session (by invitation only)

[Baltica](#) room, Congress Centre

16:30-17:30 Closed session
Sustainability of the AI/ML Networks of Excellence Held in conjunction with VISION 4th Community Workshop

Dinner cruise (by invitation only)

SunLines, Helsinki Harbour

17:45 Meet at Helsinki harbour to board boat
Your name conference badge will have a picture of a boat if the cruise is included in your registration.
18:00-22:00
Boat cruise along the coast of Helsinki Buffet dinner

Day 2 – 28 June

The Main Program consists of keynote addresses to the plenary, parallel workshops and presentation sessions. All sessions on Day 2 are open to all attendees. **However due to limited room capacity, preference will be given to those who have registered for, or been invited to, specific workshops.**

Note: the rooms for the workshops are all in the Scandic Grand Marina Congress Centre.

8:30-9:00 Walk in, registration, coffee
Second Floor lobby, Congress Centre

Parallel sessions

Various rooms, check schedule below

9:00-10:30			
EuroHPC Working Group Presentation Nordia, Congress Centre (max capacity 110) Speakers: Petr Taborsky (Danish Technical University) Mladen Skelin (Research and Innovation, EuroHPC) (remote) Krzysztof Kurowski (Technical Director, Supercomputing and Networking Center, Poznan, PL) Iacopo Colonnelli (Alpha group, Computer Science Dept.; University of Torino, Italy) Rasmus Larsen (AI Specialist, AI Lab, Alexandra Instituttet) Jens Egholm Pedersen (Stanford/KTH) (remote)	Probabilistic Numerics and Physics-informed Learning Research Program Workshop Eliei Room, Congress Centre 1st floor (max capacity 37) The program for this Research Program workshop can be found at this website.	Robust Machine Learning Research Program Workshop Fennia II, Congress Centre (max capacity 250) The program for this Research Program workshop can be found at the website.	Semantic, Symbolic, and Interpretable Machine Learning Research Program Workshop Baltica, Congress Centre (max capacity 50) The program for this Research Program workshop can be found at the website.
10:30-10:50 Coffee break			
10:55-11:55			
Probabilistic Numerics and Physics-informed Learning Research Program	Robust Machine Learning Research Program Workshop	Semantic, Symbolic, and Interpretable Machine Learning	

Workshop Eliei Room , Congress Centre 1st floor (max capacity 37) The program for this Research Program workshop can be found at this website .	Fennia II , Congress Centre (max capacity 250) The program for this Research Program workshop can be found at the website .	Research Program Workshop Baltica , Congress Centre (max capacity 50) The program for this Research Program workshop can be found at the website .	
11:55-12:55 Lunch			
13:00-14:15			
ELISE Workshop, Communicating AI Research to Different Audiences Nordia , Congress Centre (max capacity 110) Speakers: Tatiana Tommasi (POLITO) Barbara Weimer (ELLIS Unit Tübingen) Giancarlo Pastor (Spinverse) Danilo Brajovic (Fraunhofer Society) Petri Myllymäki (University of Helsinki) Conrad Phillipp (Friedrich Schiller University Jena, ELLIS Unit Jena) Vitus Benson (Max Planck Institute for Biogeochemistry, ELLIS Unit Jena)	Probabilistic Numerics and Physics-informed Learning Research Program Workshop Eliei Room , Congress Centre 1st floor (max capacity 37) The program for this Research Program workshop can be found at this website .	Robust Machine Learning Research Program Workshop Fennia II , Congress Centre (max capacity 250) The program for this Research Program workshop can be found at the website .	Semantic, Symbolic, and Interpretable Machine Learning Research Program Workshop Baltica , Congress Centre (max capacity 50) The program for this Research Program workshop can be found at the website .
14:15-14:30 Coffee break and move to plenary session			

Plenary session

[Fennia II](#) room, Scandic Marina Congress Centre

14:30-15:30 Keynote address (remote)
Yoshua Bengio, Professor of Computer Science, University of Montreal <i>Understanding and mitigating loss of control</i> Introduction: Professor Volker Tresp, LMU Munich and Munich Center for Machine Learning (MCML)
15:30 Program end

**Participants and speakers listed alphabetically
(includes those not named in specific sessions):**

Carlo Aliprandi
 Lynn Anthonissen
 Cedric Archambeau
 Gabriele Bani
 Srimannarayana Baratam
 Meritxell Bassolas
 Maximilian Beck
 Serge Belongie
 Yoshua Bengio
 Vitus Benson
 Daniela Beyer
 Umang Bhatt
 Danilo Brajovic
 Tamara Broderick
 Nicolò Cesa-Bianchi
 Shuo Chen
 Silvia Chiappa
 Matilla Codesal
 Iacopo Colonnelli
 Florence d'Alché
 Rebeca De Miguel
 Charlotte Delage
 Guneet Singh Dhillon
 Daniela Diaconu
 Zifeng Ding
 Jonathan Erskine
 Azade Farshad
 Daniel Feller
 Vincent Fortuin
 Aygun Garayeva
 Weronika Gasior
 Francesco Giannini
 Amir Globerson
 Cristina Gonzalez
 Peter Grünwald
 Marjan Gushev
 Katsiaryna Haitsiukevich
 Sami Heinäsmäki

Antti Honkela
Ognjen Ilovic
Sahel Iqbal
Desi Ivanova
Marcela Kamenska
Samuel Kaski
Jeremias Knoblauch
Boshko Koloski
Antti Koskela
Nicholas Krämer
Krzysztof Kurowski
Alessandro Lambertini
Rasmus Larsen
Nada Lavrač
Hang Li
Yingzhen Li
Ruotong Liao
Puze Liu
Yunpu Ma
Natalia Mamberto
Ana Martins
Jasmina Mojsieva Gusheva
Jessica Montgomery
Mikuláš Muroň
Petri Myllymäki
Kenneth Ng
Sven Niedner
Alessandro Nuara
Nuria Oliver
Antti Oulasvirta
Anna Ovesná
SangEun Park
Giancarlo Pastor Figueroa
Malhar Patel
Conrad Philipp
Federico Picardi
Niels Pontoppidan
Novi Quadrianto
Piera Riccio
Teemu Roos
Chris Russell
Bernhard Schölkopf
Zebang Shen
Arnold Smeulders
Urszula Sobek
Wolfgang Stammer
Petr Taborsky
Muhammad Faaiz Taufiq
Yee Whye Teh
Tatiana Tommasi
Milenko Tosić
Martin Trapp
Volker Tresp

Vishaal Udandara
Mart van Rijthoven
Yogesh Verma
Joe Watson
Tim Weiland
Antonia Wüst
Elmira Yadollahi
Yousef Yeganeh
Terhi Ylöstalo
Gengyuan Zhang

Guoying Zhao
Juliusz Ziomek
Pedro Zuidberg Dos Martires
Alberto Zurli



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