elise

European Network of AI Excellence Centres

ADR Conference

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Introduction to ELISE

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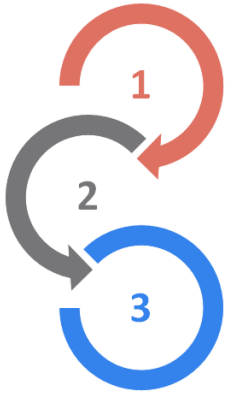
ELISE - towards an excellence-driven network of AI lighthouses

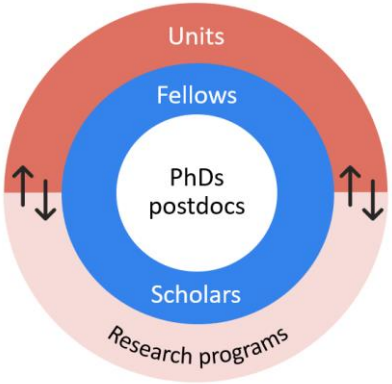
- ➔ Locally grounded cooperating hubs
- ➔ Excellence-based depth of research across a wide range of strategic fields
- ➔ Mechanisms to enable this cooperation:
  - Research programs
  - ELLIS Units: 35 units in 14 countries
  - ELLIS Pan-European PhD Program
  - Mobility for Fellows, Scholars and Students
  - Grassroot collaborations with the surrounding ecosystem



Attract and enable best minds

Create regional ecosystems around leading AI research

Bring Europe's leading AI hotspots together



This project is funded by the EC under H2020 ICT-48

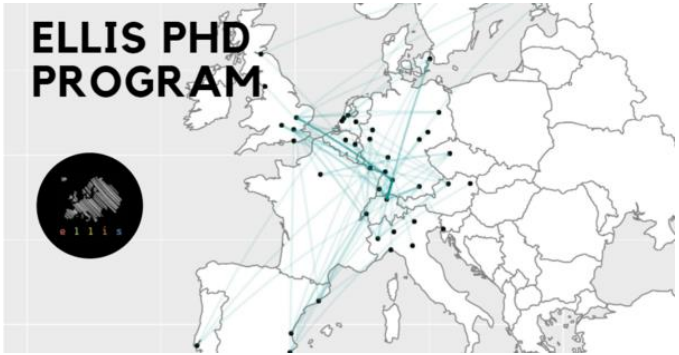
ELISE success stories

Strategic Research Agenda

- Sets out ELISE's roadmap for creating trustworthy AI technologies
- Outlines how technological advances can contribute to European policy ambitions for AI
- Building on excellence in ML research, one of the most important current drivers of innovation

Pan-European PhD program

- Aims at being world's leading ML PhD brand, central to the attractiveness of Europe
- Enrolled 197 PhDs and postdocs from over 3,000 applications
- Six months exchange with academic or industry partner



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Setting up a powerhouse of European AI

Attracting new talent and industry investment by a network of outstanding ML hubs

- ➔ Scientific: tightly-knit community of 800+ excellent AI scientists, incl. 158 ERC grant winners; ELLIS Fellows' median h-index 53; 400+ NeurIPS22 papers by ELLIS members
- ➔ Industry collaboration: e.g. research program leaders with double affiliations (Siemens, Qualcomm, Vodafone, Microsoft, NVIDIA, etc.)
- ➔ SMEs and startups: e.g. supporting new SMEs and startups selected by open calls (1st call success rate 4%)
- ➔ PhD training: fast-expanding program pairing outstanding students with leading academic and industrial researchers.

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