Teach

Ondřej Bojar

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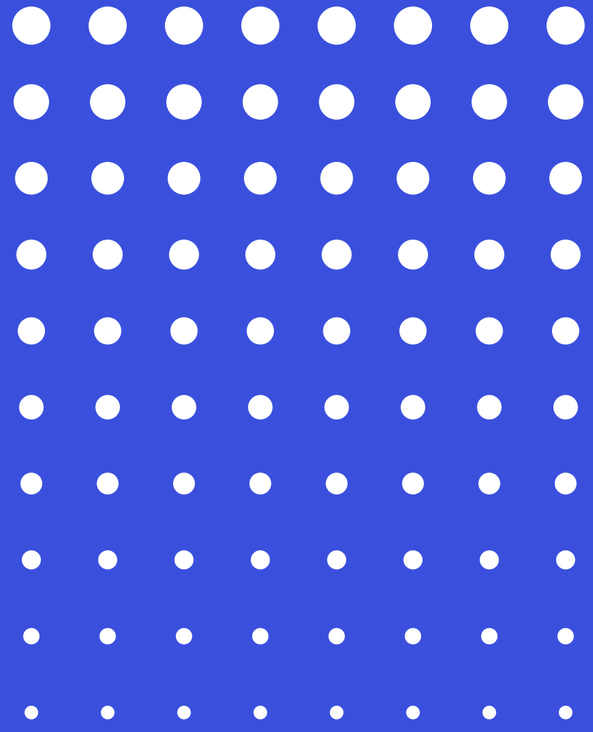
Faculty of Mathematics and Physics
Charles University



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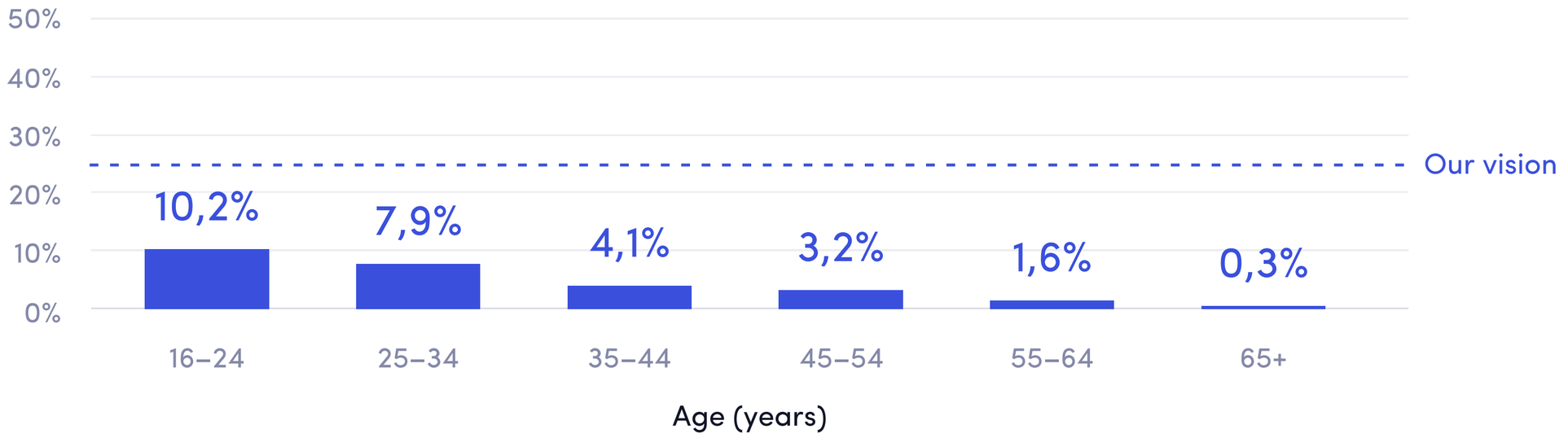
Vision

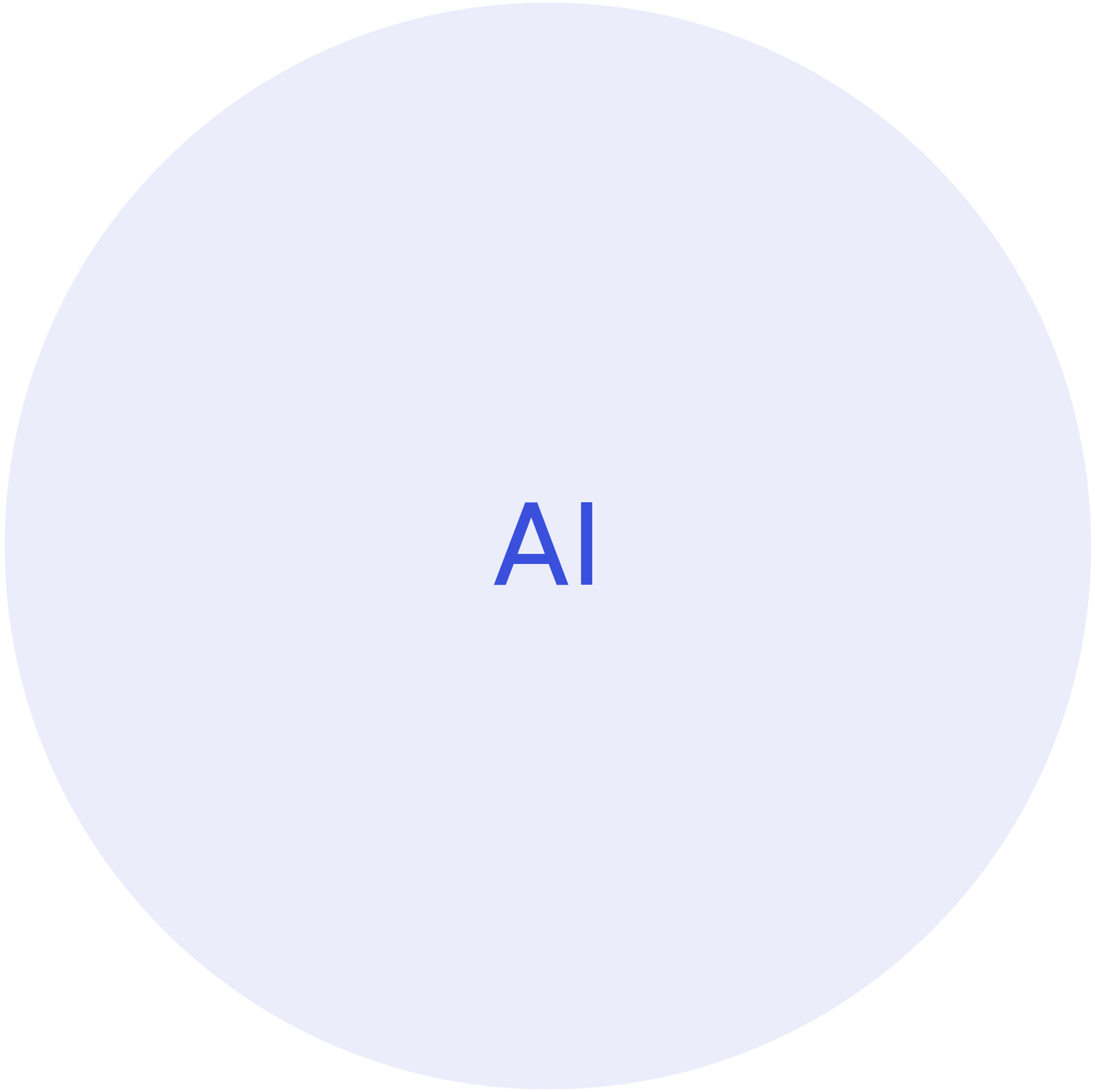
- The key asset in AI economy change are **people**.
- prg.ai supports the growth of talent in Prague and the Czech Republic.

Have you done some coding last year?

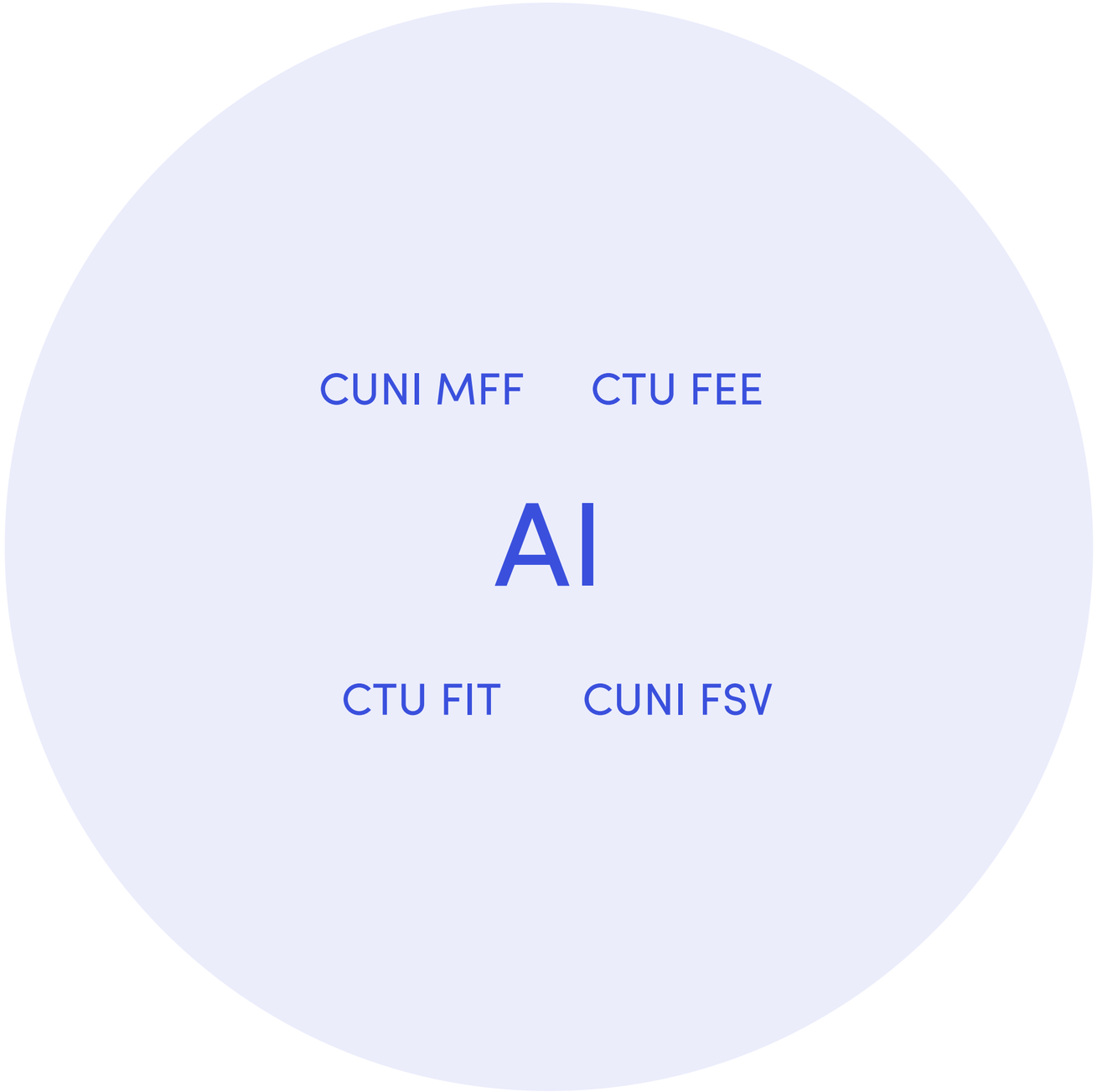


ZDROJ: https://www.czso.cz/documents/10180/83108604/pocitacove_dovednosti_v_cr.pdf/15e2d0ca-3baf-46a0-83c3-54f7a6d08b63?version=1.1

Aims



Aims



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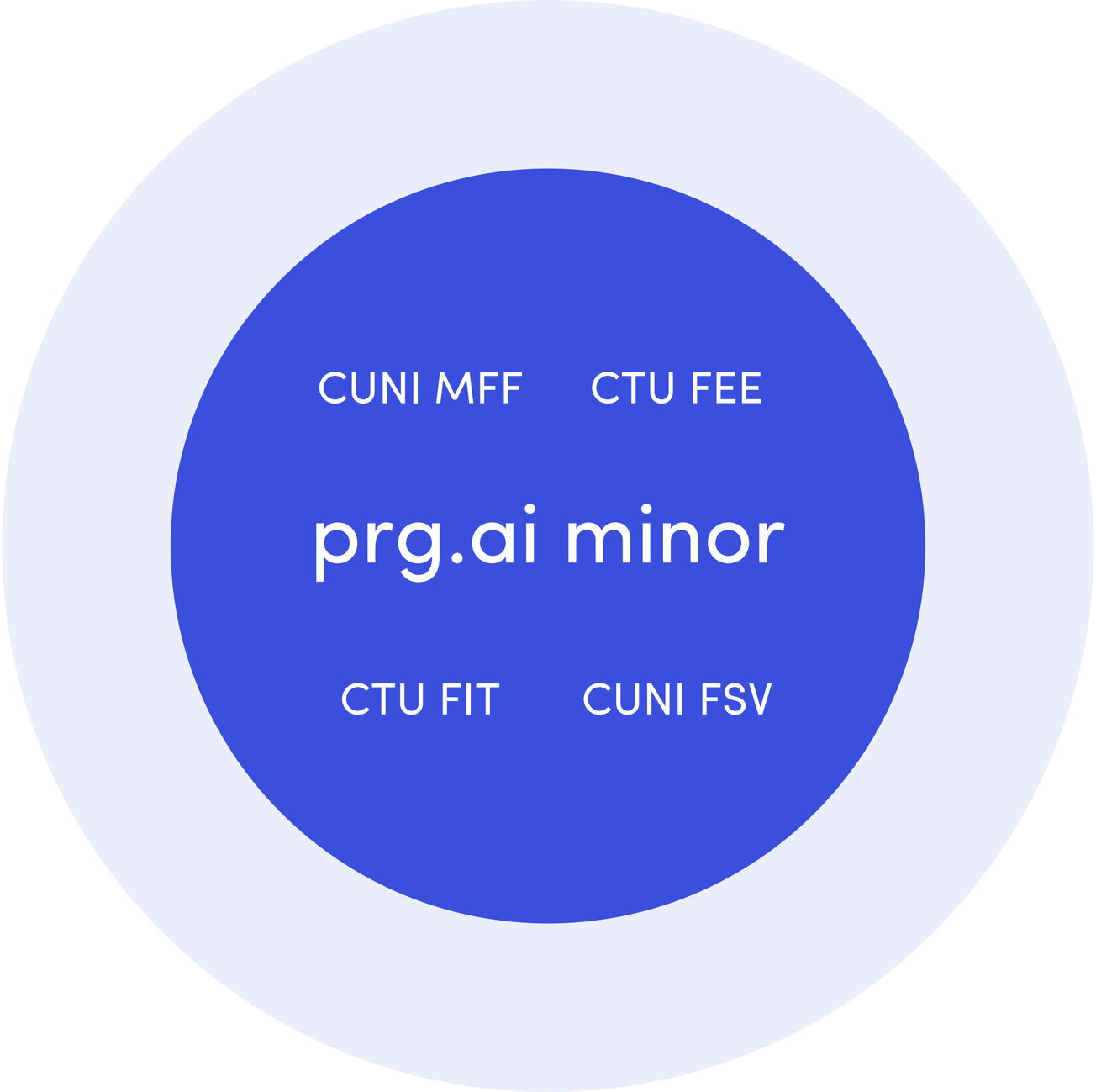
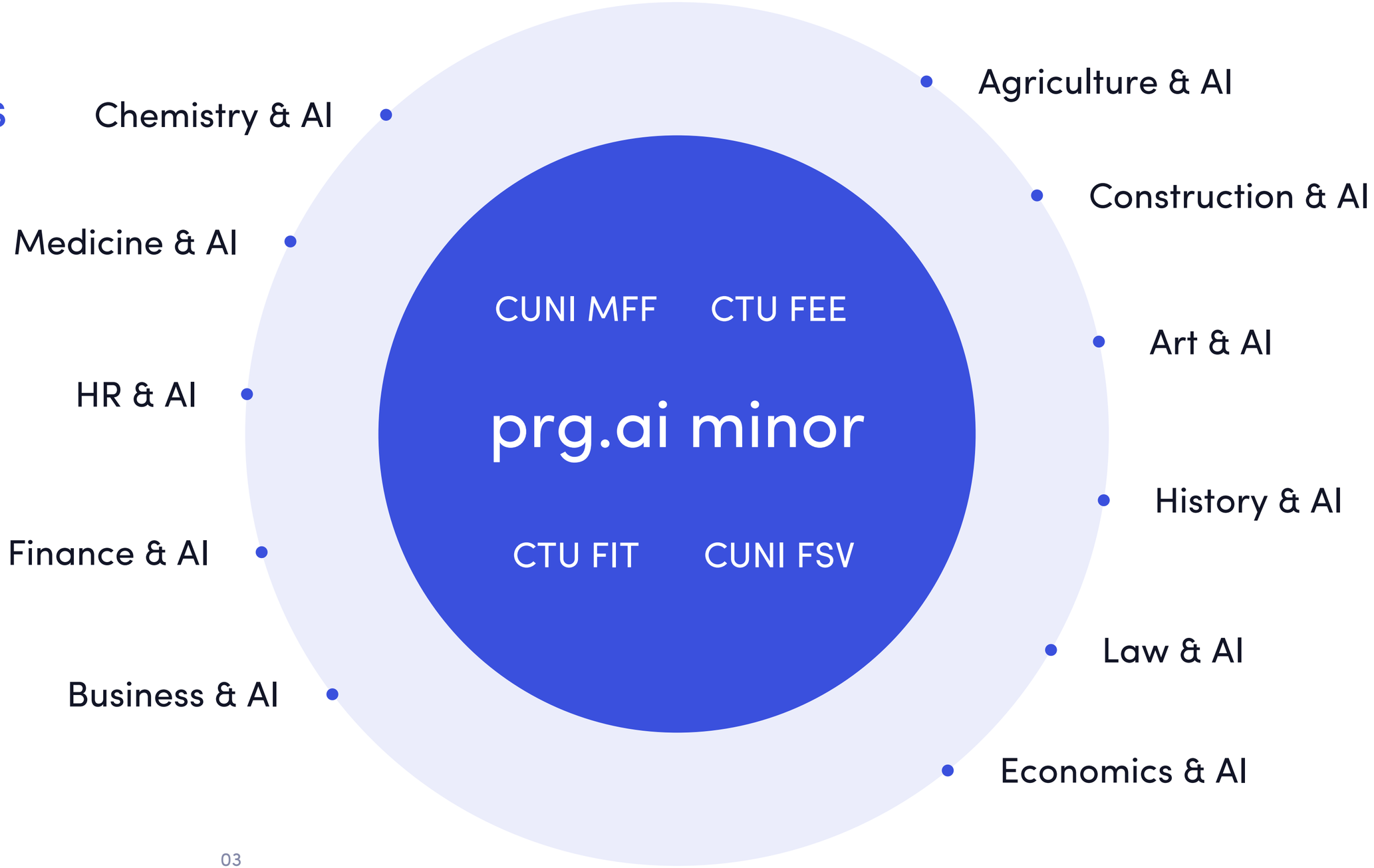
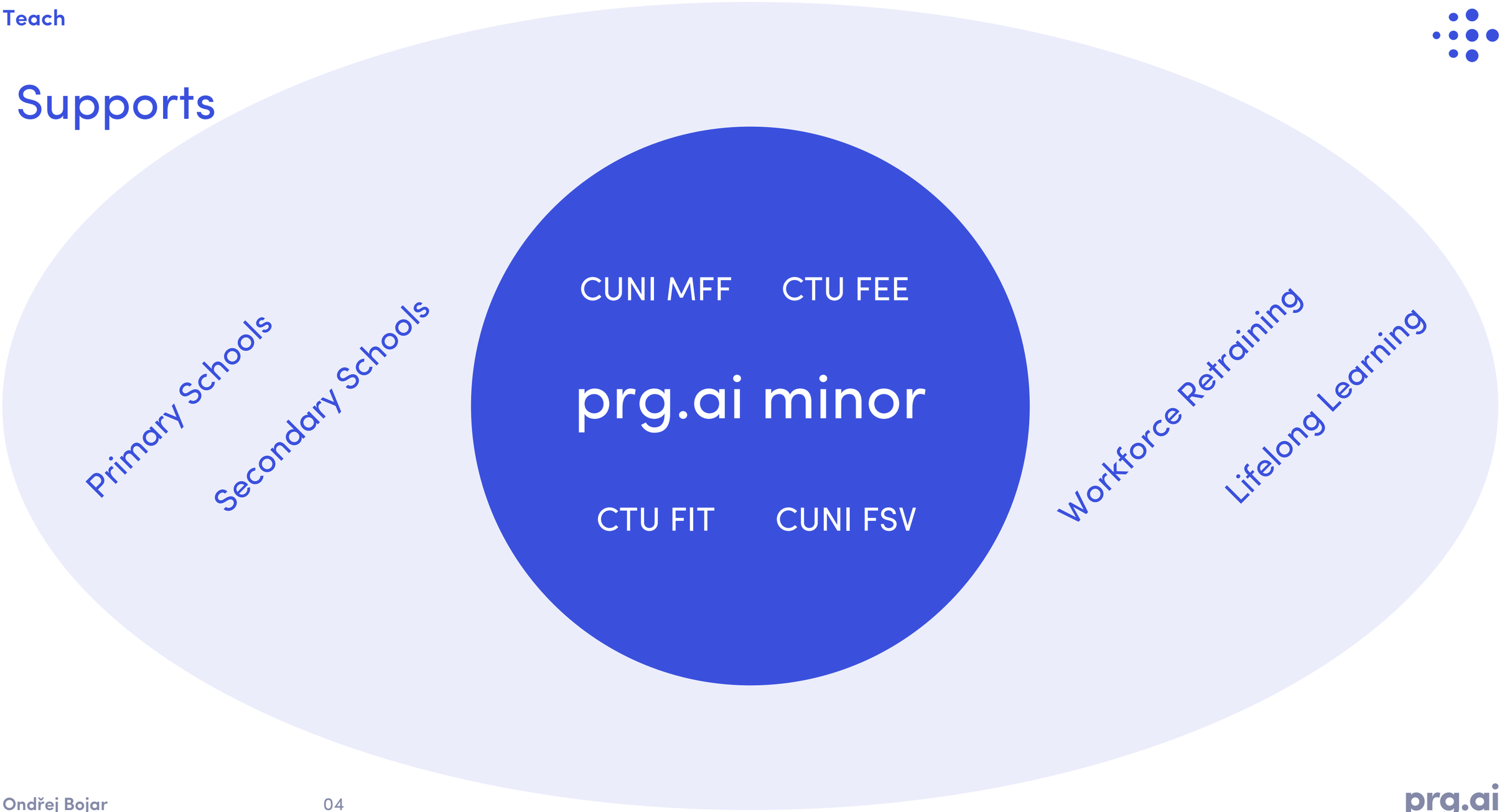


Aims


Chemistry & AI
Medicine & AI
HR & AI
Finance & AI
Business & AI
Agriculture & AI
Construction & AI
Art & AI
History & AI
Law & AI
Economics & AI
CUNI MFF
CTU FEE
prg.ai minor
CTU FIT
CUNI FSV

Supports


Primary Schools
Secondary Schools
CUNI MFF
CTU FEE
prg.ai minor
CTU FIT
CUNI FSV
Workforce Retraining
Lifelong Learning

How can you help?

- Donate datasets
- Propose interesting problems

- Support students **in finishing their studies.**
- Help us setting up **industrial PhD** programmes.

- Support **lifelong learning** for your employees.
- Support your employees **in teaching.**

Today

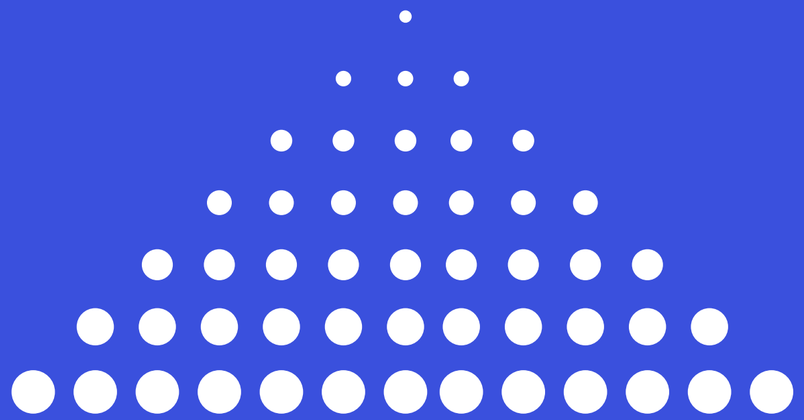
This year

This decade

Stay & Come

Pavel Juruš

Head of Technology Transfer
Institute of Computer Science
Czech Academy of Sciences



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Everyday news

Technology Intelligence

Britain faces an AI brain drain as tech giants raid top universities

share

Save 45

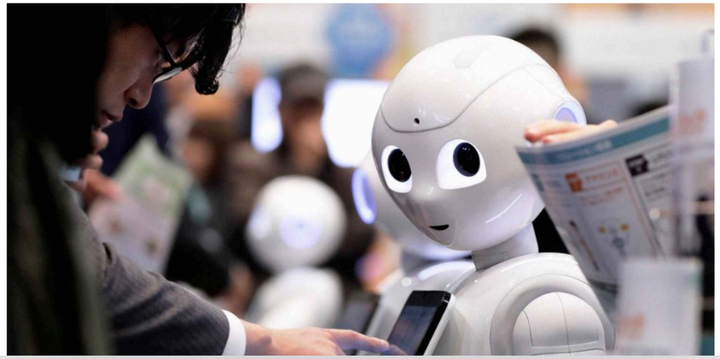
The Telegraph

13 February 2018, 11:00 CET

Sky-High Salaries Are the Weapons in the AI Talent War

● Want to command the crazy wages? Here's what you need to bring.

By Jeremy Kahn

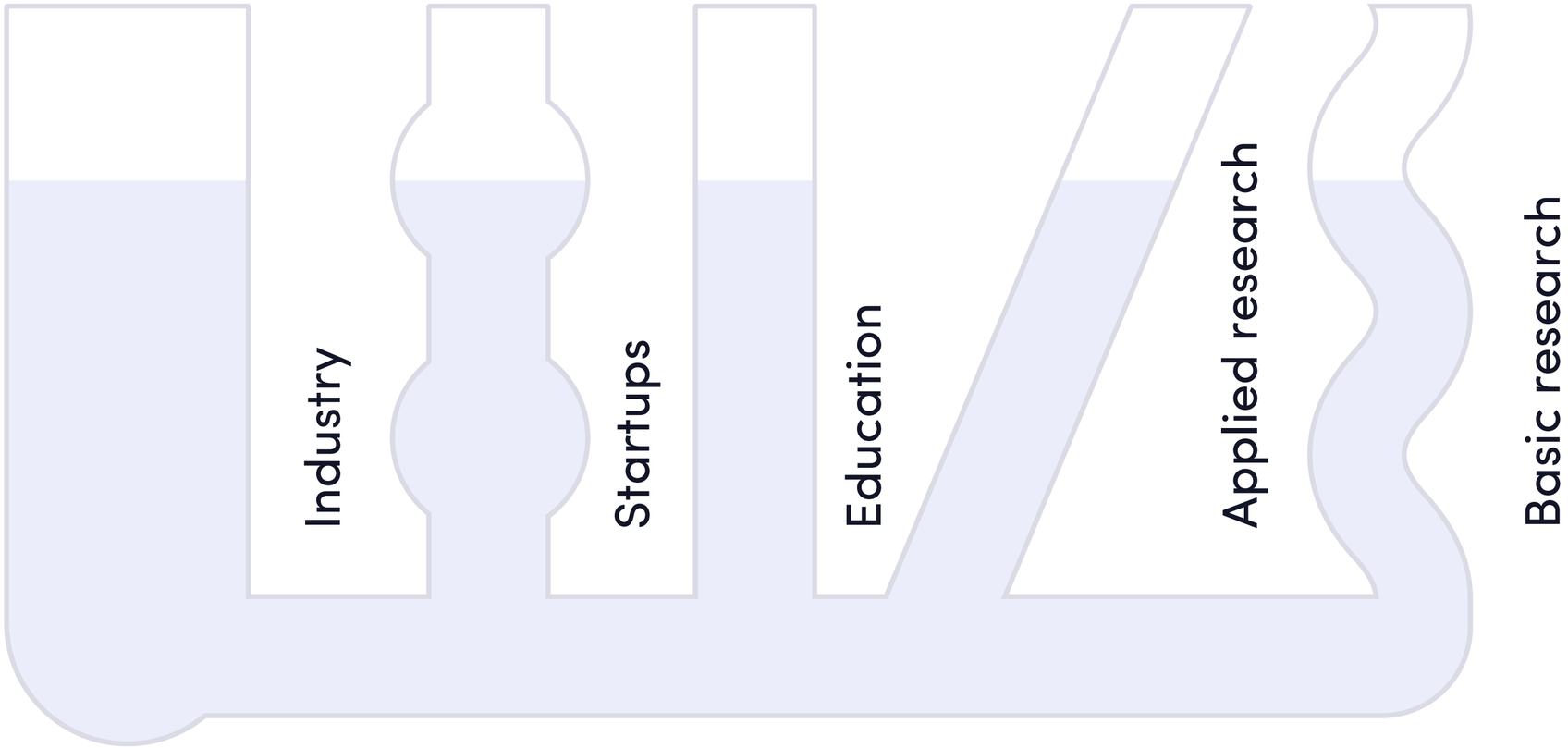


Bloomberg

A handful of companies are luring away top researchers, but academics say they are killing the geese that lay the golden eggs

The Guardian

Communicating vessels



20

prg.ai Industrial chairs

20

prg.ai Industrial fellowships

10

prg.ai Research chairs

50

prg.ai Research fellowships

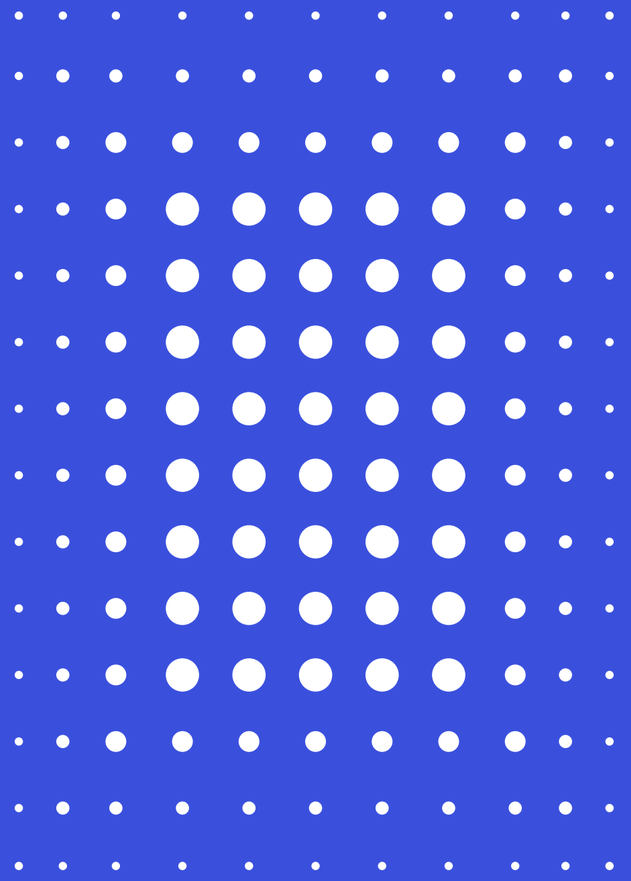
Rise to the challenge

- Build a healthy relationship with academia
- Become valued member of community with first class reputation and access to people and knowledge
- Help us nurture the AI ecosystem - support the chairs and fellowships

Incubate & Innovate

Pavel Kordík

Associate Professor
Faculty of Informatics
Czech Technical University



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AI innovations

- Recent progress in **AI drives innovations** in companies **worldwide**
- To keep up the pace, **you need top AI experts** and engineers
- **Top people = most disruptive products** and technologies
- You should **build your inhouse AI team** and run AI-enabling projects
- Most of **your staff need to learn how to use AI** (Teach)
- **Outsource AI** strategy, research and development **to prg.ai members**

Innovate your company with prg.ai

- We build shared **AI capacities for you** in
  - fundamental AI research and
  - applied AI research.
- Innovate with **prg.ai laboratories** (at universities and research institutions)
- **Spinoff scalable AI products**
- **Cooperate with prg.ai startups**
- **Invest in ideas** (preseed)

Incubate with prg.ai (supporting AI startup ecosystem)

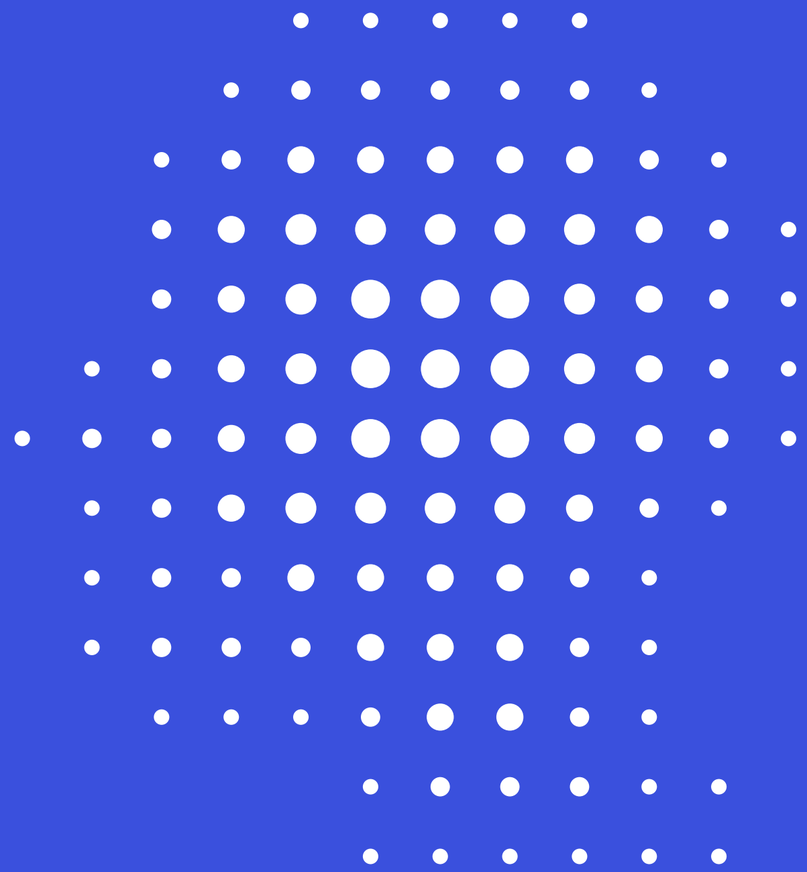
Our goal is to **scale up prg.ai startup ecosystem**

- Attract preseed and angel investment
- Streamline spin-off process and licencing
- Introduce startups to potential clients (corporates), promote abroad
- Faster AI products - infrastructure for AI MVPs and production environment
- Motivate to share data, infrastructure, business insights
- Help us to achieve 50 new AI startups goal

Humanize

Ladislav Krištoufek

Vice-Dean
Faculty of Social Sciences
Charles University



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AI within society

Bringing computing and AI together with other fields:

- AI is integrated with cultural, economic and political realities.
- Designing ethical technology is a collective responsibility.
- Thinking together is powerful.

Ethical & legal challenges of AI

- Transparency, privacy and private information challenges;
- Algorithmic bias;
- Discrimination and stereotypes propagation;
- Privacy and individual autonomy;
- Job market implications;
- Responsibility issues;
- Cybersecurity challenges - AI both a defense shield and an attacker/perpetrator

prg.ai on the track

- Bringing together technical sciences and humanities in a single platform.
- Open to other fields.
- Bringing AI closer to the public and educating.
- Activities starting from the lowest levels of our education system.

Humanize with prg.ai

- Support the discussion about ethical, legal and economic implications of AI and help us set up a chair position.
- Support our activity of boosting media literacy (digital forensics and suppressing media manipulation) at basic schools and high schools.
- Support our activity to establish a specialized centre on assessing the AI influence on society.
- Support our activity to establish regulatory sandboxes.

Let’s work together to transform Prague into one of world’s AI capitals

www.prg.ai team@prg.ai