

Computer Science PhD Program



Filip Železný
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Czech Tech University (CVUT), Main Campus in Dejvice Buildings of the Faculty of Electrical Engineering (FEL)



CVUT Downtown Campus, Charles Square
FEL part in backyard, mainly “informatics” departments



Computer Science PhD Program

The background of the slide is a photograph of a lecture hall. In the foreground, a student with glasses is looking towards the right, with his hand near his chin. Behind him, other students are visible, some looking at their laptops. The lighting is warm, and the overall atmosphere is that of a focused academic environment.

Currently cca 100 students, 40 advisors
Diverse international mix (also gender-wise :)
English is the communication standard

Purpose

- Teach you to solve research problems independently
- Publish results in respected conferences and journals
- Prepare you for a postdoc position or a research job

Expectations from Candidates

- Completed MSc in a relevant field
- Command of English
(Czech not Required)
- Intelligence, talents
- Ambition and devotion

Areas of Study (non-exclusive)

- AI, machine learning
 - Not only neural networks
 - Also planning, game theory, computational logic, mathematical optimization, ...
- Robotics
- Computer Vision
- Computer Graphics & Interaction
- Smart Mobility
- Cybersecurity
- Software testing
- Knowledge-based systems, Semantic web
- Quantum computing
- Bioinformatics, Computational biology

Quality & Impact

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RESEARCH ARTICLE | COMPUTER VISION

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Autonomous tracking of honey bee behaviors over long-term periods with cooperating robots

[JIRÍ ULRICH](#) , [MARTIN STEFANEČ](#) , [FATEMEH REKABI-BANA](#) , [LAURENZ ALEXANDER FEDOTOFF](#) , [TOMÁŠ ROUČEK](#) , [BILA NYAGIZ GÜNDEĞER](#) 

[MAHMOOD SAADAT](#), [JAN BLAHA](#) , [JIRÍ JANOTA](#) , [..], AND [TOMÁŠ KRAJNÍK](#)  [+9 authors](#) | [Authors Info & Affiliations](#)

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RESEARCH ARTICLE

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DeepStack: Expert-level artificial intelligence in heads-up no-limit poker

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[MICHAEL BOWLING](#)  | [Authors Info & Affiliations](#)

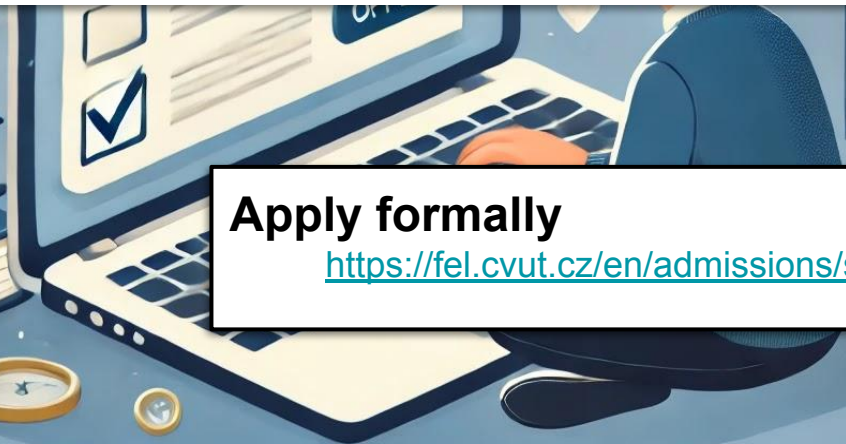
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Find a potential supervisor

- Works on a topic you fancy (see papers)
- Check them out the dpt. Web site, then e.g. on Google Scholar
- Talk to them about the topic, their interest, your pay if you enrollk



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Departments Involved



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Department of Cybernetics

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