



# Workshop Agenda

## Workshop on AI in higher education and research at TBU in Zlin

Focus topic: Advancing Effective Use of Modern AI in Education for Industry Transitions

Faculty of Applied Informatics, TBU in Zlín, Nad Stráněmi 4511, 760 05 Zlín

Building U5, Room 51/107

### Day 1 – 13th April 2026 - "The AI Frontier"

**8:00 - 9:00 Registration**

**9:00 - 9:15 Welcome speech and workshop opening**

prof. Roman Šenkeřík - Faculty of Applied Informatics, Tomas Bata University in Zlín

prof. Michal Pluháček - V4AI Project Coordinator, Center of Excellence in AI, AGH University of Krakow

### Session I: Ecosystem, Startups, Industry Synergy & Data Needs

**9:15 - 9:45 Keynote I: Building Hubs and Creating Functional Ecosystems**

- Lukáš Rudy (UNICO MODULAR, CZ)

**9:45 - 10:10 Keynote II: AI-Based Economic Growth: A Dynamic Model of Firm Readiness and the Macroeconomic Productivity Paradox**

- Martin Mikeska (TBU in Zlín, CZ)

**10:10 - 10:50 Long talk: Role of AI Hubs, EDIHs and AI factories in supporting startups research and SMEs**

- Tereza Malíková (AI Factory/EDIH OVA/IT4I Ostrava, CZ)

**10:50 - 11:20 Coffee Break**

**11:20 - 12:00 AI Ready for Deployment: What Does Industry Really Expect?**

- prof. Paweł Skrucch (AGH Krakow, PL)

**12:00 - 12:20 Short talk: Data Quality as a Bottleneck (Noisy Labels)**

- Mateusz Wojtulewicz (AGH Krakow, PL)

**12:20 - 12:40 Short talk: Fighting for high-quality multimodal data**

- Szabó Barbara Noémi (ELTE Budapest, HU)

**12:40 - 13:00 Automating algorithm discoveries with GenAI (EASE platform)**

- Adam Viktorin (TBU in Zlín, CZ)

**13:00 - 14:00 Networking Lunch Break**



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#### Session II: The Race Between Technology and Education

##### 14:00 - 14:30 Keynote III: Why Most AI Startups Have No Future?

- David Pavlík (BottleCap AI, CZ)

##### 14:30 - 15:00 Keynote IV: From Prompt Engineering to Harness Engineering: How the Way We Manage AI is Changing

- Dalibor Mráz (černá.AI, CZ)

##### 15:00 - 15:20 Short talk: AI-Powered Interview Preparation

- Arafat Md Easin (ELTE Budapest, HU)

##### 15:20 - 15:40 Short talk: How AI Is Changing the Hiring Process

- Magdaléna Stašková (Career counsellor, CZ)

##### 15:40 - 16:25 Industry Panel

- Moderator: Tereza Malíková
- Panelists: David Pavlík (BottleCap AI, CZ), Lukáš Rudy (UNICO MODULAR, CZ), Tomáš Hasík (ZLIN.AI, CZ), Dalibor Mráz (černá.AI, CZ) and prof. Joanna Jaworek-Korjakowska (AGH Krakow, CZ)

##### 16:30 - 17:00 Coffee Break

#### Session III: Applied AI

##### 17:00 - 17:20 Applications of Machine Learning for Medical Data

- Barbora Ľapinová (UPIŠ Košice, SK)

##### 17:20 - 17:40 Simulation-driven development in Robotics

- Emin Bayramov (ELTE Budapest, HU)

##### 17:40 - 18:00 The Reality Check

##### 19:00 Gala Evening – Networking (Student Club U7) - *only for consortium members*



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### Day 2 – 14th April 2026 - "The Strategy Day"

#### Keynote

**9:00 - 9:40 AI Project Lifecycle in Practice: common pitfalls and how to avoid them**

- Ádám Tarcsi (ELTE Budapest, HU)

#### Session I: Rethinking Education

**9:40 - 10:00 AI enhanced education and research at UPJŠ**

- Lubomir Antoni (UPJŠ Košice, SK)

**10:00 - 10:20 AI in Curriculum Adaptation**

- Bartłomiej Moniak (AGH Krakow, PL)

**10:20 - 10:40 Re-Engineering STEM Education: The Universities Role in the AI Era**

- Balasz Horvath (SMADS Innovations, HU)

**10:40 - 11:10 Coffee Break**

#### Session II: Governance, Ethics & AI Failures

**11:10 - 11:30 Rethinking Student Assessment and Academic Integrity**

- Jan Tyc (AGH Krakow, PL)

**11:30 - 11:50 Analysis of Court Decisions by AI**

- Zoltán Szoplák (UPJŠ Košice, SK)

**11:50 - 12:10 Why LLM Outputs Fail - and What Feedback Can Improve**

- Krzysztof Tylka-Suleja (AGH Krakow, PL)



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### Day 2 – 14th April 2026 - "The Strategy Day"

#### Session III: Academic Wrap-up & Declaration

##### **12:10 - 12:55 ACADEMIC WRAP-UP PANEL**

- Moderator: prof. Roman Šenkeřík
- Panelist: Petr Kubíček (ZRIA, CZ), Michal Pluhacek (AGH Krakow, PL), Márta Turcsányi-Szabó (ELTE Budapest, HU), Gabriel Semanišin (UPIŠ Košice, SK)

**12:55 - 13:00** Formal approval and signing of the "Zlín Declaration."

**13:00** Networking Lunch

Programme is still being optimised and is subject to change.