



**Information and Networking Event  
Horizon Europe 2023-2024 Calls  
Co-Funded by the Government of India  
(DST)**



**HORIZON-CL4-2024-HUMAN-03-02: Explainable and Robust AI**

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- Type of organization: academic institution
- Country: Czech Republic

# Mendel University in Brno

## Expertise & experience

- oriented mainly on practical applications

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- area of expertise include:
  - machine learning

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**Research and development of an artificial intelligence software platform for the digital office**  
(MPO, OPPIK, CZ.01.1.02/0.0/0.0/20\_321/0023606)

**SQTrader – Research and development of optimization solutions for asset management**  
(MPO, OPPIK, CZ.01.1.02/0.0/0.0/16\_084/0010365)

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  - natural language processing

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**Artificial intelligence for geolocation projects – chatbot**

(TAČR Trend, FW10010194)

**Multicriterial Text Analysis Software**

(MPO, OPPIK, CZ.01.1.02/0.0/0.0/16\_084/0010315)

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  - application development  
*web, mobile, augmented reality, chatbot, ...*

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  - computer vision
  - natural language processing
  - application development  
*web, mobile, augmented reality, chatbot, ...*
- instrumentation for machine vision  
*lenses, filters, lights, cameras (incl. hyperspectral)*



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## Anticipated involvement

- proof-of-concept including:
  - data gathering
  - user testing
  - development of applications
- dissemination

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**Thank you for your attention**

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