## Logical Foundations for Probabilistic Methods in Artificial Intelligence, PrometAI, 2025-2026.

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Project leader: Dr. Angelina Ilić Stepić, angelina@mi.sanu.ac.rs

This project proposes strengthening the collaboration between a logic group from Belgrade and its former member D. Doder (Utrecht). The research will focus on development of a framework for uncertain reasoning about monitoring moving objects. The aim is to develop a complete axiom system, as having a completeness theorem is the only formal way to prove the correctness of the hardware and the software. We also propose to develop an argumentation inference system for probabilistic information.

Diaspora partner: Dr Dragan Doder (Utrecht University)

## List of researchers:

- Angelina Ilić Stepić, Mathematical Institute of the Serbian Academy of Sciences and Arts, National Institute of the Republic of Serbia, angelina@mi.sanu.ac.rs
- **Dragan Doder**, Department of Information and Computing Sciences at Utrecht, dragan.doder@gmail.com
- **Zoran Ognjanović**, The Mathematical Institute of the Serbian Academy of Sciences and Arts, National Institute of the Republic of Serbia, zorano@mi.sanu.ac.rs
- **Šejla Dautović Kapetanović**, The Mathematical Institute of the Serbian Academy of Sciences and Arts, National Institute of the Republic of Serbia, shejla\_dautovic@hotmail.com