



October 1, 2025

INTRO

Simona Ramanauskaitė



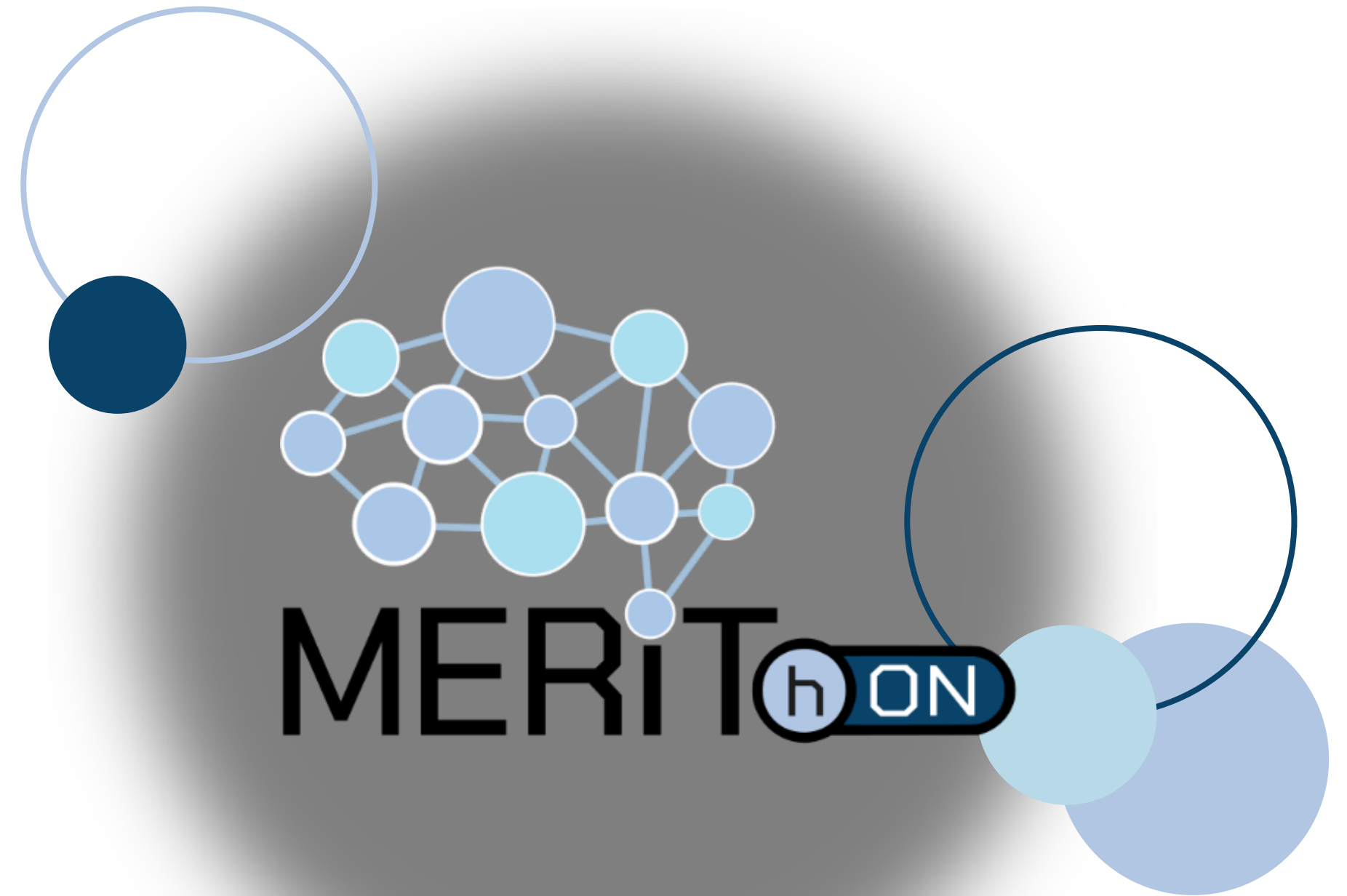
Co-funded by
the European Union

VILNIUS TECH

WELCOME, AI ENTHUSIASTS

MERIThON objectives:

1. Generate ideas for future AI projects
2. Build a network of experts
3. Join the innovators community



Prof. Dr.
Dalius Mažeika

Dean of the Faculty of Fundamental Sciences



Vision for the MERITHON

1st of October

- Teambuilding
- Challenge selection
- Initial mentoring sessions

2nd of October

- Pitching guidelines
- Team progress monitoring
- Mentoring sessions
- Teamwork

3rd of October

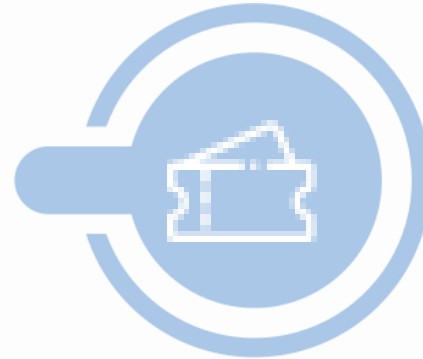
- Registration for the pitching
- Submission of the solutions
- Networking
- Pitching
- Winner awarding

IDEATHON



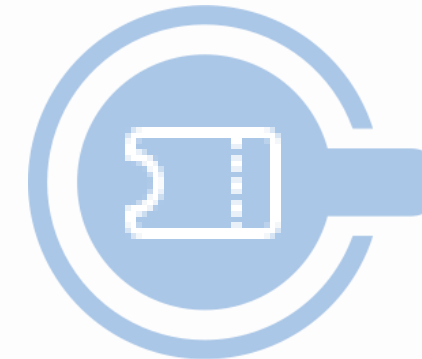
Understand the problem

Define the problem



Analyze the data

Innovative idea



Build ML solution

Idea implementation



Estimate performance

Impact estimation



HACKATHON

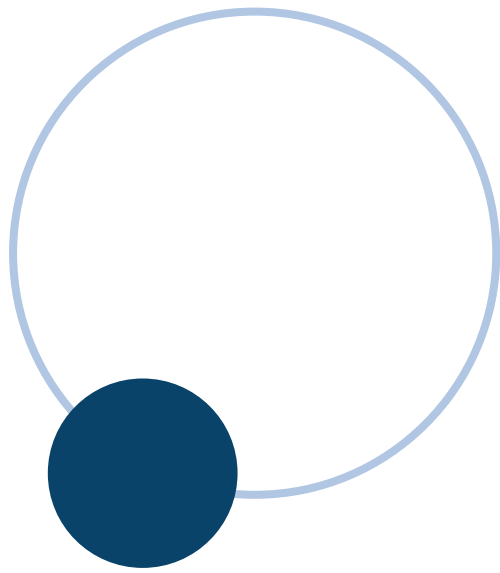
Types of challenges

IDEATHON

- Find the list of challenges here
<https://digitalmerit.eu/merithon/merithon-2025-vilnius/challenges-5th-merithon/>
- Select a challenge or propose your own
- Write down the challenge number and your team title on the board
- You will be able to change the challenge during the MERITHON
- Start working on the idea generation, prototype implementation and pitch preparation

HACKATHON

- Find the files for the challenge in <https://digitalmerit.eu/merithon/merithon-2025-vilnius/challenges-5th-merithon/>
- Work on the data files to predict the student's final grade (on a 10-point scale) for each course
- Use training and testing data accordingly
- For evaluation, the 3rd set of files will be provided
- Concentrate on:
 - Prediction accuracy (F1-score, accuracy, recall, precision) – 70%
 - Performance (time, needed for prediction, memory usage) – 20%
 - Explainability (the ability to provide logic behind the decision-making) – 10%

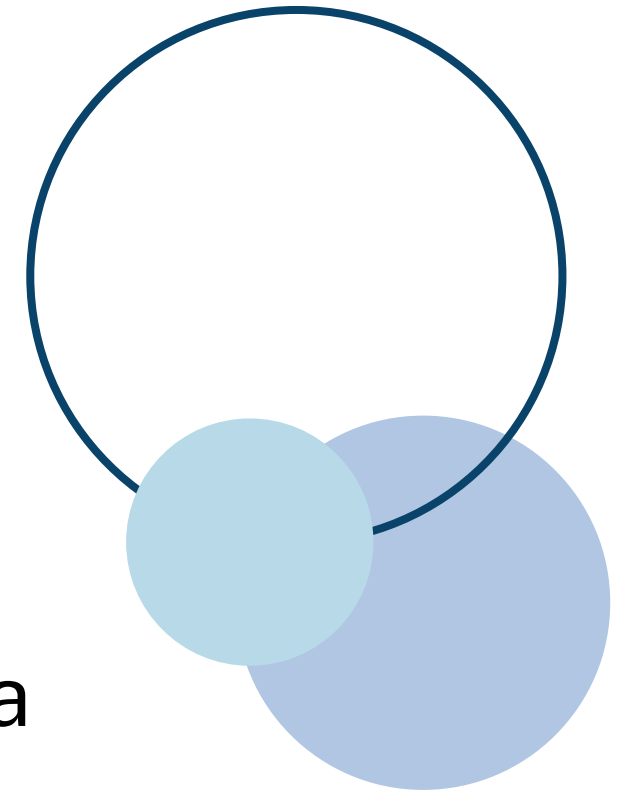


MENTORS

Foster the networking vibe

You will have internal and external mentors from:

- VILNIUS TECH
- Exacaster
- Neurotechnology
- NOD Baltic
- Communications Regulatory Authority of the Republic of Lithuania
- Ignitis
- Everwest
- Vytautas Magnus University
- Cognizant
- ...



Pitches

- Up to 2 min video to present the developed solution
- Q&A session - up to 5 min

IDEATHON:

- Concentrate on the idea presentation

HACKATHON:

- Concentrate on the used approach and results





October 1, 2025

Questions?

Simona Ramanauskaitė



Co-funded by
the European Union