EPICURE meets Slovenia

Date and Time: May 29, 2025 @ 9:00-12:00

ZOOM meeting details:

Time: May 29, 2025, 09:00 AM Vienna

Apply here:

HPC-workshop@izum.si
Subject: EPICURE meets Slovenia Workshop

 Please answer the following questions:

- Project goals?
- Codes and data?
- Challenges, how can we help?

OR

- **No project jet.**

IMPORTANT INFORMATION:

This is an interactive webinar where participants are asked to provide information about their projects with the aim of improving and accelerating their workflows via advanced pan-European EPICURE support. Users can benefit from expert support teams taking an in-depth and detailed look at the intricacies of their project.

Presenters & Support:

- Dr. Žiga Zebec (IZUM)
- Teo Prica (IZUM)
- Samo Miklavc (IZUM)
- Dr. Alja Prah (IJS)
- Dejan Lesjak (IJS)
- Sebastien Strban (IJS)

Part 1A: General information about EPICURE, and how to use it on HPC Vega (60 min)_Žiga & Teo

The starting presentation will equip SMASH Fellows and other national scientists with the fundamental insights into HPC Vega and the EPICURE project, which offers support on HPC Vega and other EuroHPC clusters. This session will cover the basics of using HPC Vega – how to log onto the system, usage of basic Linux commands useful to users, software and data management. Participants will gain a comprehensive understanding of the Vega architecture and a conceptual grasp of user-to-system interactions unique to the HPC Vega environment.

Part 1B: Project details (1 min per project) based on simple questionnaire (30 min)_Teo & IJS

This will be an interactive session during which members of the EPICURE project want to learn about the national projects of SMASH fellows and other national scientists using compute time on HPC Vega infrastructure. National users are asked to participate and provide basic data about their projects with the goal of identifying the projects that can benefit from EPICURE support:

- Project goals?
- Codes and data?
- Challenges, how can we help?

Coffee break 15 min.

Part 2A: Who can benefit and how to apply for EPICURE support (30 min)_Žiga & Samo

In this hands-on section we will go through the EuroHPC JU portal and demonstrate how to apply for European resources with our *in-house* DEMO project and present the support done within EPICURE.

Part 2B: Best practices from EPICURE projects, jobs and code optimization (30 min)_Teo & IJS

We will present the best practices on projects receiving EPICURE support, to give users an idea of how they and their projects can benefit from EPICURE.

Live Q & A + discussion with scientists! (30 min)

This session is dedicated to our users with the aim of getting the most out of their allocated computing power on Vega, while emphasizing the importance of Level 2 and Level 3 support provided by EPICURE via EuroHPC JU. User support will be available in the ZOOM chat throughout the workshop. Please write your questions in the chat during the workshop, and they will be answered during the Q&A by the team.