**Performance Optimisation and Productivity**
A Centre of Excellence in HPC

# POP Newsletter 31 – Issue March 2026

Welcome to the 31st newsletter from the EU POP Centre of Excellence.

In this edition, we give you an overview of the recent POP activities including our 39th and 40th POP webinar, as well as VI-HPS Tuning workshop and a blog article about POP at the HiPEAC conference.

If you would like to contribute technical content for this newsletter on the topic of parallel performance profiling, please contact us at pop@bsc.es.

This issue includes:



For past editions of the newsletter, see the POP newsletter web page.

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# POP Webinars

## Recent Webinars

### 39th POP Webinar – ParaViz3D: MPI Trace Visualization with 3D Video

On the 23rd of February Jean-Yves Verhaeghe (FAU) gave an inspired webinar on ParaViz3D, a framework that converts MPI trace data into 3D video visualizations using Blender, making complex parallel program behaviour easier to interpret than traditional 2D trace views.

To find out more, watch the recording here.

### 40th POP Webinar – Analysis and Optimization at Production Scale: Insights from Vlasiator

In the 40th POP Webinar on the 30th of March Valentin Seitz (BSC) showed how POP performance-analysis tools can be applied to study the behaviour of the Vlasiator plasma simulation code at full production scale, providing insights that go beyond traditional small-scale profiling.

Watch the recording and find out more here.

Browse the full list and catch up on all our previous webinars here.

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# POP Events

## Recent Events

### 48th VI-HPS Tuning Workshop

In collaboration with CASTIEL the POP team organised the 48th VI-HPS Tuning workshop at the Barcelona Supercomputing Center from the 9th – 13th of February. Participants were introduced to the POP Methodology and tools, with a deep dive into Score-P/Scalasca and Paraver/Extrae/Dimemas and their advanced uses.

For more details and videos of the workshop read the blog here.

### POP @ HiPEAC 2026

This January, POP returned to a less-sunny and still freezing Kraków, Poland, for HiPEAC 2026, and contributed to two different sessions.

To read more about POPs contribution read the blog here.

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# Apply For Free Help with Code Optimisation

We offer a range of free services designed to help EU organisations improve the performance of parallel software. If you are not getting the performance you need from parallel software or would like to review the performance of a parallel code, please apply for help via the short Service Request Form, or email us to discuss the service further and how it can be beneficial.

These services are funded by the EuroHPC research and innovation programme so there is no direct cost to our users.

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# The POP Helpdesk

Past and present POP users are eligible to use our email helpdesk. Please contact our team of experts for help analysing code changes, to discuss your next steps and to ask questions about your parallel performance optimisation.

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https://pop-coe.eu

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