

MultiXscale CoE brought together European experts in HPC during its General Assembly, after the HiPEAC event in Barcelona

MultiXscale CoE gathered top European experts in High-Performance Computing (HPC) from academic and industrial sectors across Europe during its General Assembly (GA), carried out from 23rd to 24th January 2025 after the HiPEAC event in Barcelona (Spain), where the completed activities and future work in the 3rd year of the project was discussed in this two-days meeting.

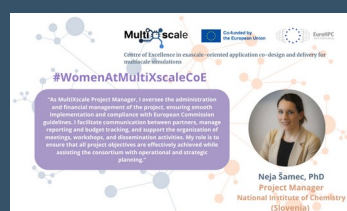
Previously to their GA, MultiXscale experts were involved in several sessions during the HiPEAC conference in Barcelona, the premier European forum for experts in computer architecture, programming models, compilers and operating systems for general-purpose, embedded and cyber-physical systems.

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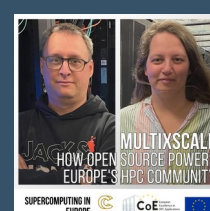
More news in this issue:



Several partners of the MultiXscale Center of Excellence were involved in the EuroHPC Summit 2025, carried out at the ICE Congress Centre, in Kraków (Poland) from Tuesday 18 to Thursday 20 March 2025.



Women at MultiXscale CoE – International Women's Day 2025.



New Podcast Episode: Scientific Software for HPC and Beyond.



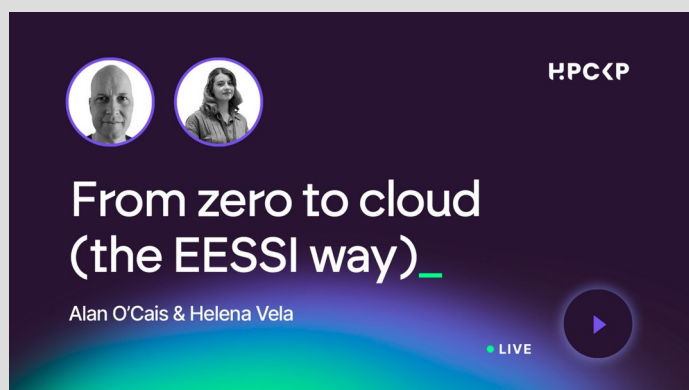
Advancing Computational Materials Science with FAIR Tools!

2025-07-03

Join us on July 17 at 4PM CEST for a webinar introducing two powerful platforms:
-Lhumos – A new e-learning hub for domain-specific training in HPC, quantum & classical simulations.

-Materials Cloud Archive – A fully redesigned FAIR repository for computational materials data, built on InvenioRDM (CERN).

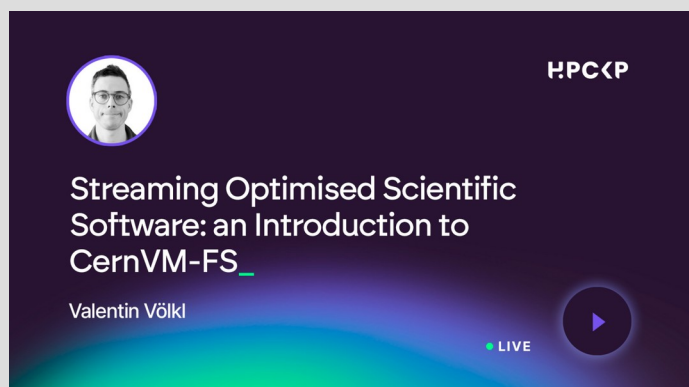
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HPC Knowledge Meeting – HPCKP Barcelona, June 2025

2025-07-03

The talk and PPT presentation given by MultiXscale experts Alan O'Cais (University of Barcelona and CECAM) and Helena Vela (Do IT Now) entitled “From zero to cloud (the EESSI way)” on 4th June, 2025, in the framework of the HPC Knowledge Portal annual meeting – HPCKP25 Barcelona, are already available on the website through [this link](#).



The tutorial given by Valentin Völkl (CERN), entitled “Streaming Optimised Scientific Software: an Introduction to CernVM-FS”, is also already available online [here](#).



Recap of MultiXscale at ISC Hamburg (Germany) 10-13 June

2025-06-30

Our MultiXscale experts were proud to contribute to several key sessions at ISC High Performance Hamburg.

[Read More](#)



PASC25 Interdisciplinary Dialogue

2025-06-24

MultiXscale CoE coordinator Dr. Matej Praprotnik (National Institute of Chemistry) joined the PASC25 Interdisciplinary Dialogue. The Platform for Advanced Scientific Computing (PASC) Conference was held from 16 to 18 June 2025, at the FHNW Campus Brugg-Windisch in Switzerland. Watch the full video [here](#).

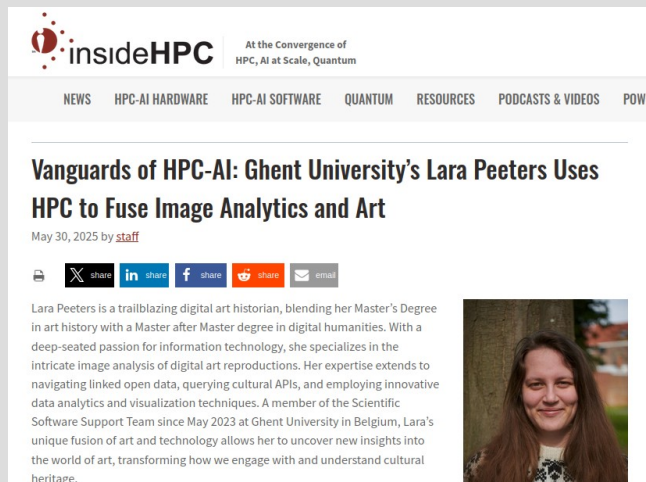


EESSI is being adopted as the main central software stack on MUSICA, the Multi-Site Computer Austria

2025-06-13

By relying on EESSI, the MUSICA support team is able to focus on site-specific aspects and use cases, rather than spending time on building out a central software stack from scratch.

[Read More](#)

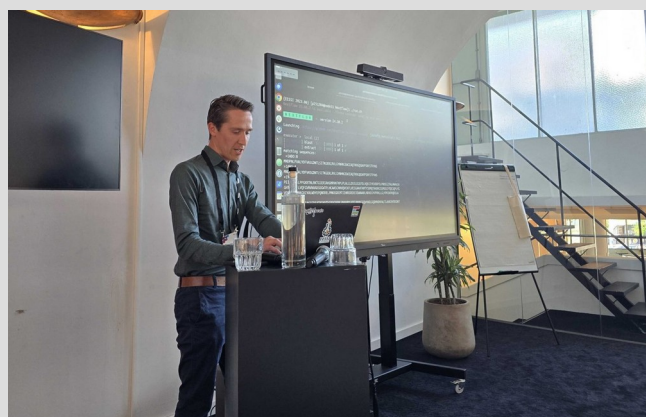


Interview with Lara Peeters at insideHPC

2024-11-14

The interview with MultiXscale expert Lara Peeters (Ghent University) at insideHPC entitled “Vanguards of HPC-AI: Ghent University’s Lara Peeters Uses HPC to Fuse Image Analytics and Art” is already available online.

[Read More](#)

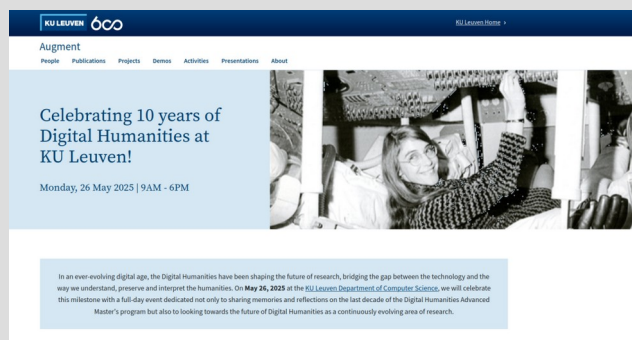


SURF Research Day 2025, the national conference connecting research, IT, and innovation in Hilversum (Netherlands)

2025-05-21

“The same software on any research infrastructure, wouldn’t that be EESSI?” by Bob Dröge (University of Groningen) on 20 May, during the SURF Research Day 2025.

[Read More](#)



Celebrating 10 years of Digital Humanities at KU Leuven!

2025-05-20

MultiXscale expert Lara Peeters (Ghent University) participated in the “Panel 1: Pathways in Digital Humanities: insights and stories from DH Alumni” on 26 May and presented MultiXscale poster during this event. More information [here](#).



MultiXscale coordinator has participated in the special ceremony held to mark the beginning of construction of the ARNES Data Center Maribor

2025-05-12

The recording of the panel discussion is available on the ARNES Video portal. The contribution by Dr. Matej Praprotnik is available [here](#) (min. 1:44:10).



EESSI webinar series (May-June 2025)

2025-04-30

In this webinar series, we provided a comprehensive overview of EESSI: why we started it, how it works and how you can use it. All sessions were recorded.

The recordings, slides, and materials are available [on this page](#).



New Podcast Episode: Scientific Software for HPC and Beyond

2025-04-29

Jothi Blontrock speaks with Kenneth Hoste and Lara Peeters from the HPC team at Ghent University about their work with MultiXscale and EESSI. Listen now [here](#)



MultiXscale at HiPEAC 2025: Towards gender balance at HPC

2025-04-25

Find the results of the survey conducted by POP3, ESiWACE3, MultiXScale and SPACE. The information gathered and analysed by POP3 and ESiWACE3 is accessible [here](#).



CECAM Flagship Workshop “Modeling & Simulation of Fluid-Structure Interactions Across Scales” successfully completed

2025-04-16

The event was held at the National Institute of Chemistry in Ljubljana (Slovenia), where 55 participants from 10 countries explored cutting-edge topics in multiscale modeling. More information [here](#).



New Paper available at F1000Research: Foundational Competencies and Responsibilities of a Research Software Engineer

2025-04-08

Authors: Jean-Noël Grad and the TeachingRSE working group. Read more [here](#)



EESSI featured in the EuroHPC JU Blog post: “EESSI Does It! An Award-Winning Software Story”

2025-04-07

The European Environment for Scientific Software Installations (EESSI) has been featured in the EuroHPC Joint Undertaking (EuroHPC JU) blog post: “EESSI Does It! An Award-Winning Software Story”. Read the full article [here](#).



“OOD Meets EESSI” at Global Open OnDemand Conference – GOOD2025 in Harvard University (USA)

2025-03-27

“OOD Meets EESSI: Accessing and Distributing Scientific Software with Ease” by our HPC experts Christian Bustelo and Arturo Gimeno at GOOD2025, on 19 March at Harvard University (USA). Read more [here](#).



MultiXscale experts Céline Merlet and Lara Peeters featured in the SC25 HPC Ignities Women's History Month

2025-03-24

More information is given in the blog post “Women Igniting Innovation in HPC” [here](#).



MultiXscale at the 10th EasyBuild User Meeting in Jülich, Germany

2025-03-24

MultiXscale experts gave several talks during the 10th EasyBuild User Meeting, carried out in Jülich, Germany.

[Read More](#)

Proceedings of the Second EuroHPC user day already available at Procedia Computer Science

2025-03-14

The “Portable test run of ESPResSo on EuroHPC systems via EESSI” article has been published on Procedia Computer Science on 7th March 2025. The document is available through [this link](#)



MultiXscale at EuroHPC Summit 2025, in Kraków (Poland)

2025-03-12

Several partners of the MultiXscale CoE were involved in the EuroHPC Summit 2025, carried out from 18 to 20 March 2025. See the sessions where they participated in by clicking [here](#).



Women at MultiXscale CoE – International Women’s Day 2025

2025-03-07

The first week of March, we celebrated the International Women’s Day 2025 (8 March) by featuring the amazing women involved in our MultiXscale Center of Excellence. They explained, in their own words, their roles and contributions to the project. Discover our cohort of professional women through [this link](#).





Integration in the EuroHPC Federation Platform

2025-02-10

The EuroHPC Joint Undertaking (EuroHPC JU) announced the consortium that will develop the EuroHPC Federation Platform (EFP). This ambitious effort will deliver a 'one-stop shop' for researchers using the EuroHPC supercomputers, as well as the upcoming EuroHPC AI Factories and quantum computers, built with open source software. Ghent University is part of this consortium to integrate EESSI into the EuroHPC Federation Platform as a common software stack.

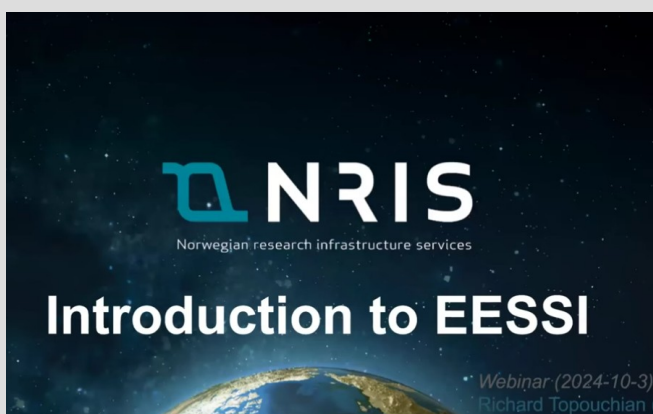
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EESSI has been used in an ESiWACE CoE webinar on Extrae + Paraver

2025-02-05

ESiWACE3 CoE and the National Competence Center for HPC in Austria organized the training event "Extrae and Paraver: Profiling Weather and Climate Applications" on January 27, 2025, as part of the CASTIEL2 Training Sprint. [More info](#)



NRIS Talks already available on the YouTube channel

2025-01-24

NRIS (Norwegian Research Infrastructure Services) organized webinars as part of its outreach program NRIS Talks. This webinar aims to provide a comprehensive overview of how to build software on top of the scientific software stack provided by EESSI. Watch the videos [here](#).



MultiXscale CoE brought together European experts in HPC during its General Assembly, after the HiPEAC event in Barcelona

2025-01-21

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Funded by the European Union, the European High Performance Computing Joint Undertaking (JU) and countries participating in the project under grant agreement No 101093169.



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