



HPC INDUSTRY SUMMIT

**DRIVING INNOVATION
AND EFFICIENCY**

OCT 18-19 2023

GLS CAMPUS BERLIN, **GERMANY**

Day 1 - OCT 18

9:00 - 13:00 EuroCC 2-internal Project Meeting (Non Public)

13:00 - 13:15 Welcome (Beginning of Public Part)

- **Bastian Koller**, HLRS - High-Performance Computing Center Stuttgart
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13:15 - 13:45 Expert Talks: HPC, industrial Applications and Outlook

- **Özlem Sari**, TUBITAK (NCC Türkiye): Experiences and Insights for Industry Collaborations
 - **Pekka Uusitalo & Juhani Huttunen**, CSC - IT Center for Science (NCC Finland): Industrial successes with EuroHPC/LUMI in Finland and way forward
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13:45 - 14:30 The EuroCC 2 Project - Uniting the European HPC Landscape

- **Bastian Koller**, HLRS - High-Performance Computing Center Stuttgart
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14:30 - 15:00 Coffee Break

15:00 - 16:00 Success Stories from the EuroCC 2 Project

- **Karim Azoum**, Teratec (NCC France): Success stories of SMEs supported by NCC France in finance, healthcare, environment, engineering and predictive maintenance
 - **Eric Pascolo**, CINECA (NCC Italy): High-Performance Industry
 - **Tomas Karasek**, VSB - Technical University of Ostrava (NCC Czechia): On the path to becoming a key player in the local HPC ecosystem
 - **Benoit Dompierre**, Cenero (NCC Belgium): How is Supercomputing Helping to Improve Public Health?
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16:00 - 17:00 Panel - From Contact to HPC User - The User Journey

Panel Chair: **Bastian Koller**, HLRS - High-Performance Computing Center Stuttgart

Panelists: **Bojana Malisic**, University Donja Gorica (NCC Montenegro). **Feyza Eryol**, TUBITAK (NCC Türkiye). **Alberto Gomez**, Barcelona Supercomputing Center (NCC Spain).



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Day 2 - OCT 19

9:00 - 10:30 Welcome and Keynotes

Speakers: **Bastian Koller**, HLRS - High-Performance Computing Center Stuttgart. **Daniel Opalka**, EuroHPC JU. **Javier Cordova Morey**, European Commission. **Michael Raffi**, German Federal Ministry of Education and Research (BMBF).

10:30 - 11:00 Coffee Break

11:00 - 12:00 Success Stories from the FF4EuroHPC Project - Part 1

- **Lukas Kriete**, Kimoknow: AI-Platform for Automated Training of Object Detection Models based on CAD Data
- **Paolo Mazzucchelli**, Aresys: AI and HPC for Reservoir Monitoring

12:00 - 13:00 Lunch

13:00 - 13:30 Success Stories from the FF4EuroHPC Project - Part 2

- **Apostolos Krassas**, Engys: Cloud-Based CFD for Urban Microclimate Assessment and Architectural Planning

13:30 - 14:30 Fishbowl - HPC, AI, Quantum and their Impact on Industry

Chair: **Mark Parsons**, EPCC - The University of Edinburgh
Starting Panelists: **Javier Porto**, SDEA Solutions. **Gerd Büttner**, Airbus. **Marco Merkel**, Doitnow. **Yufei Cao**, Bosch.

14:30 - 15:00 Success Stories from the FF4EuroHPC Project - Part 3

- **Kevin Charpot**: SimOcean: Optimizing Wind Assisted Propulsion Systems for Maritime Decarbonization

15:00 - 15:30 Coffee Break

15:30 - 16:30 Panel - HPC as a Driver for Industrial Innovation

Panel Chair: **Guy Lonsdale**, scapos
Speakers: **Paolo Mazzucchelli**, Aresys. **Andreas Wierse**, Sicos. **Nicolas Tonello**, Constelcom. **Jean-Luc Bouchot**, Artelys.

16:30 - 17:00 Open Q&A with all Experts

17:00 - 17:15 Closing

- **Bastian Koller**, HLRS - High-Performance Computing Center Stuttgart



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