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Industry Days 2022

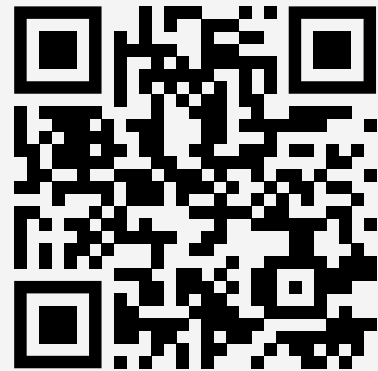
09:30-09:50	Lilit Axner Director ENCCS Registration and welcome - Overview of ENCCS
09:50-10:10	Jeannette Spühler National Contact Person for Horizon Europe - Digital, Industry and Space at Vinnova Innovative Sweden – Co-creating the future
10:10-10:40	Anders Dam Jensen Executive Director EuroHPC JU THE EUROPEAN APPROACH TO THE EXASCALE CHALLENGE
10:40-11:10	Brendan McGinty NCSA Director of Industry, USA HPC Industry Overview and Best Practices
11:10-11:20	Coffee break
11:20-11:40	Roger Kvam Senior project manager at Sigma2 AS, Norway National HPC infrastructure for education, and industry use in Norway
11:40-12:00	Kalle Kantola Vice President Foresight & Data Economy at VTT Finland Approaches for accelerating HPC impact in industry
12:00-12:20	William Patrowicz CEO Kaiser Global/ The Reykjavik Institute The Reykjavik Institute: Developing a private computing lab from the ground up
12:20-13:30	Lunch & Networking
13:30-14:10	Panel discussion HPC as a strategic tool to boost economic competitiveness of the countries
Large Industry Experiences Session	
14:20-14:40	Matteo Ambrosetti Advanced Material Engineer at Northvolt AB Multiscale Methodologies for Electrolyte Characterization
14:40-15:00	Mattias Chevalier Expert Engineer at Scania AB Experiences from long term HPC-collaboration between PDC and Scania
15:00-15:20	Coffee break
SME and the Public Sector Experiences Session	
15:20-15:40	Emil Krutmeijer Co-founder & COO, Compular AB Fabian Árn Head of RnD, Compular AB Innovative analysis software improving battery materials development
15:40-16:00	Magnus Lundborg CSO ERCO Pharma AB Predicting skin permeability using molecular dynamics simulations - Experiences from HPC systems and local clusters
16:00-16:20	Love Börjeson Director of KBLab (National Library of Sweden) Collections, capability, and research - Leveraging the collections of cultural heritage institutions using HPC
16:20-16:40	Patrik Sandgren Director ICT Policy, Teknikföretagen Dreaming of little fluffy clouds - Why a large chunk of Swedish manufacturing companies don't care about HPC and What we can do about it

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Dinner will be held at the **Vasa
Museum's restaurant** at 18:00.



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EuroCC National Competence Centre Sweden

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09:30-09:50	Andreas Wierse Managing Director SICOS BW HLRS, HWW and SICOS BW: more than 25 years of industry collaboration in HPC
09:50-10:00	Magnus Friberg Swedish Representative to EuroHPC Governing board, Senior Adviser Swedish Research Council (Vetenskapsrådet) The Swedish EuroHPC organization and how to get involved
10:00-10:20	Martin Körling Data systems, RISE HPC as a cloud service
10:20-10:40	Coffee break
10:40-11:00	Erik Lenas - Data Scientist at Swedish National Archives ENCACS and Vega in support of large-scale digitisation of archival materials
11:10-11:50	Panel discussion HPC needs of Industry and the public sector
11:50-13:00	Lunch & Networking
SME session	
13:00-13:20	Johan Jansson - CEO Icarus Digital Math and Associate Professor KTH Revolutionary aerospace: Reliable simulation with Adaptive Euler - Enabling simulation-based design and certification of vehicles and engineering systems
13:20-13:40	Mengmeng Zhang- CEO Airinnova AB Design optimization enabled by HPC, an SME view
13:40-14:00	Giancarlo Trimarchi Senior Research Engineer at Thermo-Calc Software AB Speeding up alloy modeling by HPC-enabled large scale first-principles calculations
14:00-14:20	Coffee break
14:20-14:40	Magnus Sahlgren - Head of research NLU at AI Sweden GPT-SW3: a first large-scale generative language model for the Nordic region
14:40-15:00	Göran Wendin - Professor at Chalmers University of Technology HPC+QC, NordIQuEst and the future of quantum computing
15:00-15:20	Jon Paul Janet - Associate Principal Scientist, Molecular AI at AstraZeneca AB Accelerating drug design with AI & simulation
15:20-15:40	Anders Daneryd - Principal Scientist at Hitachi Energy Research AB ULTRA-HPC for low noise high voltage products at Hitachi Energy
15:40-16:00	Johan Eker Principal Researcher, Ericsson AB Achref Rabhi Senior Developer Thermal Design, Ericsson AB Large-scale computations for 5G & 6G

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Dinner will be held at **Fem små hus**
at 18:00.



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