

STRENGTHENING COLLABORATION

SECURING INNOVATION ACROSS NORDIC & EU ZSUMMIT2025

ORGANISED BY

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Tap Into Europe's **HPC Power!**



Welcome to our second edition!

Join the leading Nordic event on High Performance Computing and Al, where innovators, SMEs, tech providers, and policymakers converge to accelerate collaboration, scale compute capacity, and drive digital sovereignty. Explore cutting-edge applications, align with EU initiatives, and shape the future of innovation across industry and research. Colocated with NDSML Summit first day - one pass, double the insight.





ARTIFICIAL INTELLIGENCE HIGH PERFORMANCE COMPUTING LARGE-SCALE MODEL TRAINING



COMPUTER VISION EDGE COMPUTING SCIENTIFIC COMPUTING

About the Event

Strengthening Collaboration, Securing Innovation across Nordic and EU

As we convene for the Nordic HPC Summit 2025, we do so at a pivotal moment one defined by accelerated technological progress, rising geopolitical complexity, and a deepening need for digital sovereignty. This summit is more than a meeting point; it is a rallying call to align our region's high-performance computing (HPC) capabilities with a shared vision for resilient, secure, and sovereign innovation across the Nordics and the broader European landscape.

Under the theme "Strengthening Collaboration, Securing Innovation across Nordic and EU", this year's summit gathers the Nordic and EU HPC community from SMEs and startups to industry leaders, public sector innovators, and academic trailblazers. Together, we explore how advanced computing and AI are shaping the next era of innovation across domains as diverse as life sciences, sustainability, manufacturing, energy, and digital infrastructure.

The strategic role of HPC has never been more evident. From powering AI at scale to enabling quantum breakthroughs and driving real-time analytics across industries, HPC is the engine behind Europe's digital competitiveness. Yet, challenges persist: fragmented infrastructure, gaps between research and industry application, and limited SME access to computing power and expertise.

This is why Nordic collaboration matters. By uniting under a common agenda strengthening cross-border networks, aligning with European initiatives like EuroHPC, and accelerating the transfer of knowledge and compute capacity to businesses we can transform these challenges into catalysts for innovation and economic resilience.

The 2025 program reflects this ambition. It features keynotes from thought leaders driving digital resilience and AI for good, in-depth panels on bridging European policy with industrial needs, and SME-led sessions showcasing HPC's impact in sports, fisheries, and emerging verticals. We'll also look ahead: to agent-driven Al enterprises, the rise of quantum computing, sovereign chip design, and next-gen compute infrastructure.

Co-located with the NDSML Summit, this year's event leverages shared infrastructure to foster even greater convergence between AI, data science, and HPC enabling participants to tap into both technical depth and broader strategic insight. Whether you're deploying HPC at scale, designing future-proof architectures, or exploring funding and partnership pathways, the Nordic HPC Summit is your platform to learn, connect, and

We invite you to be part of this vital conversation shaping not only the future of HPC, but the future of a resilient, competitive, and collaborative Nordic digital ecosystem.

Practical Information

REGISTRATION

DATE: 22ND October 2025

Online Platform: Agorify **Onsite Location:**

Birger Jarl Hotel

Birger Jarlsgatan 61/A, 113 56 Stockholm, Sweden Tel: +46 (0)8 674 18 00

Free to attend with approved registration

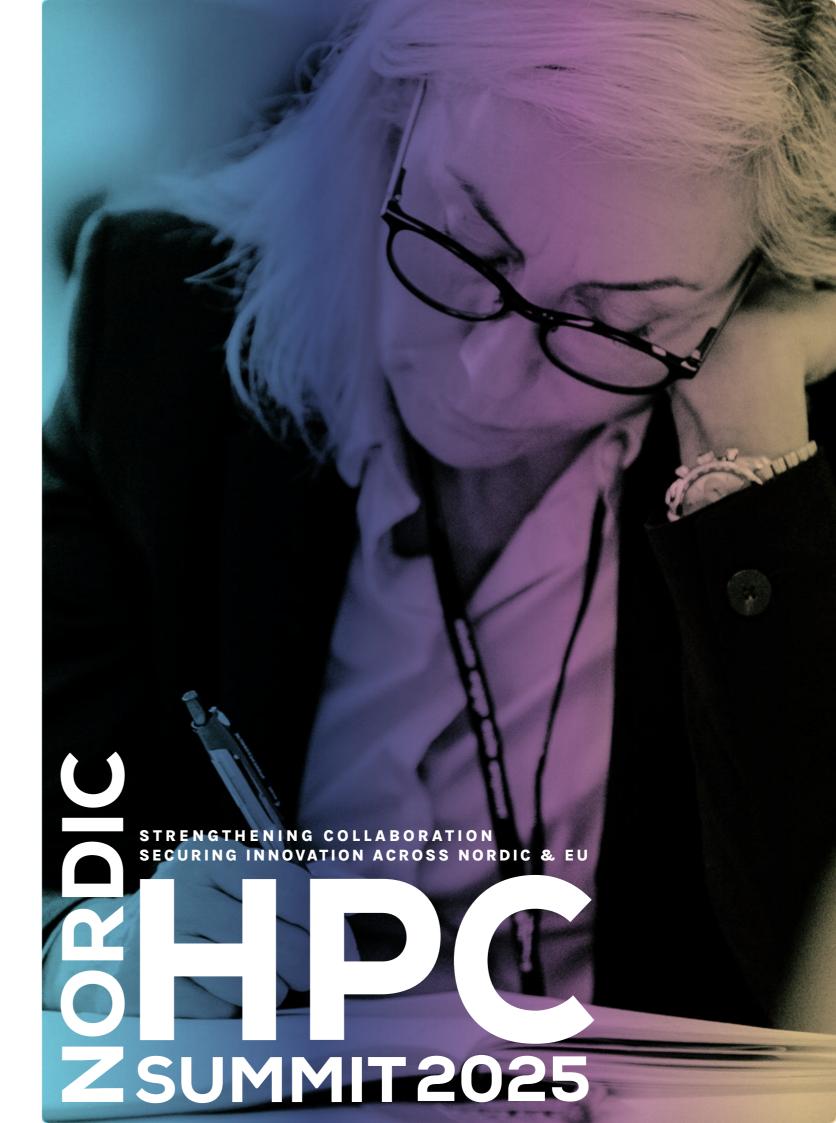
Register by phone: Tel: +46 (0) 73 761 8338 Register by email: events@hyperight.com Webpage: https://nordichpcsummit.enccs.se/

Schedule

All session timings are in **CET** (Central European Time).

22ND OF OCTOBER

	22	ND OF OCTOBER
3:00	Regist	ration and Early Coffee Networking
9:00	Welco	ming Notes and Orientation
9:20	Buildi	ng The Good Al Lab: where curiosity me
9:45 i	Bridgi	ng Industry Needs and European Initia
	9:45	Gefion – a Nordic Sovereign Al Supero Ulrik Deliktenberg – Director, Scientif
	10:00	Bridging the Gap: Industry Needs and Salla Franzén - Investment Manager
	10:15	The LUMI AI Factory - Juhani Huttune
	10:30	Panel Discussion: Bridging Industry
10:50	Coffee	and networking break
11:20	Adopti	ng HPC in an SME setting - Moderator
	11:20	TBD - Henri Viertolahti, Chief Product
	11:35	AGI - Karim Nouira, CEO Sics.ai
	11:50	How Al Analysts are transforming foo
	12:05	Reshaping the Fishing Industry with
	12:20	Panel Discussion: Adopting HPC in a
12:40		rking Lunch
13:50		cale: NDSML 25 Opening Keynote - Rob
14:05	Keyno Super	te Al Evaluation 101: Addressing Challe intelligence Labs Meta
14:30	•	te The Blueprint for Developing Al Pro
4:55	Al at S	cale: How Are Data Science/ML Function
	i	Anders Arpteg - Director of Data Scie
	į	Daniel Tidström - Partner & Manage
	i	Salla Franzen - Investment Manager
15:35		and Networking Break
16:10	ī	ing technologies - Moderator: Thor Wi
	16:10	Quantum computing in the Nordics -
	16:25	Designing neuroplastic FPGA circuits
	16:40	1 1 3
	16:55	Al continent and EU Gigafactories - P
	17:10	Panel Discussion: Emerging technology
17:30		g Remarks
17:40	AW Pro	gram - NDSML " Al Confession"
		l Closin



Moderators



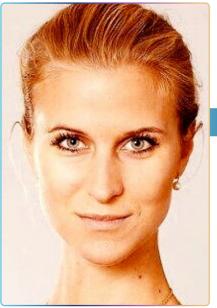
Dennis Lange Wollbrink

Project Manager | DeiC - Danish E-Infrastructure Consortium

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 09:45

Project Manager at the Danish E-infrastructure consortium and Project Lead in the Danish National Competence Center. Focused on unravelling the vast potential of HPC and AI for Industry, Public Administration and Academia. Building digital ecosystems through relations and infrastructure to secure national and international success for Danish and European businesses and public entities.



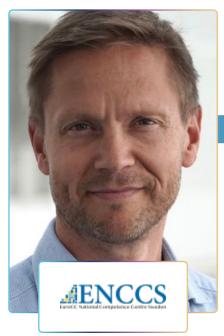
Ingrid af Sandeberg

Founder & Independent consultant

Panel | Adopting HPC in an SME setting

22ND OCT - 11:20

Independent consultant and former Chair of Stockholm AI, specialising in bridging business strategy with AI and High Performance Computing. Experienced in helping SMEs adopt scalable digital solutions and advising organisations on innovation, data maturity and collaboration. Passionate about making advanced computing accessible and translating technology into real business value.



Thor Wikfeldt

Director | ENCCS

Panel | Emerging technologies

22ND OCT - 16:10

Director of the Swedish National Competence Centre for High-Performance Computing (ENCCS). He has over a decade of experience in HPC and digital research infrastructures, focusing on services, strategy, and training to support research and innovation. Thor works to strengthen national and international collaboration across academia, industry, and the public sector, fostering practical and inclusive approaches to technology adoption and capacity building.

Meet the Speakers



Juhani Huttunen

Development Manager | CSC

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 10:00

Juhani Huttunen works as a Development Manager in LUMI AI Factory Service Center in Finland. His group is in charge of AI customer engagement, ecosystem development, networking and business development. Juhani has over 20 years background in communication technologies R&D and industry collaboration, having a close insight to customer relationships management with HPC & AI solutions during the last seven years.



Salla Franzen

Investment Manager | Navigare Ventures AB

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 10:15

Salla invests over a broad range of deep tech areas, primarily in the intersection of mathematics, engineering and technology. She has spent large parts of her career working in the boundary between academic research and industrial applications, both at SEB Group as Group Chief Data scientist and IKEA Retail (Ingka Digital) as Global Data & Analytics VP of Customer and Physical meeting points domains. Salla has a PhD in mathematics from Stockholm university and was voted Nordic Data Science Professional of the Year at the DAIR Awards in 2021.



Henri Viertolahti

Chief Product Officer and Co-founder | Gosta Labs

Panel | Adopting HPC in an SME setting

22ND OCT - 11:20

Henri Viertolahti is Chief Product Officer and Co-founder of Gosta Labs, building a clinical operating system for care teams and machine-learning models to address unmet needs in healthcare. Previously, he co-founded and served as Chief Product Officer at Kaiku Health, a digital patient-monitoring platform for oncology. After Elekta acquired Kaiku Health in 2020, he led the platform's integration into Elekta's global product portfolio and later headed the Life Sciences business, driving pharma partnerships and data commercialization. He has co-authored 10+ scientific publications on digital health and machine learning.

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Meet the Speakers



Karim Nouira

CEO | SICS.AI

Panel | Adopting HPC in an SME setting

22ND OCT - 11:35

Karim is a serial tech entrepreneur, cofounder of JRockit, acquired by Oracle, and founder of SICS, a company at the forefront of developing AGI to revolutionize industrial automation. With deep expertise in engineering and process optimization, SICS has pioneered solutions that enable robots to learn and adapt autonomously, disrupting sectors like warehousing and industrial assembly.



Robert Luciani

Computer Scientist | Nerv Dynamics

Panel | Emerging Technologies - Designing neuroplastic FPGA circuits

22ND OCT - 16:25

Robert is first and foremost a jazz-fusion composer, but with a deep background in formal logic and computer science. He has worked on everything from open-source Unix kernel programming, to architecting enterprise cloud environments at Microsoft, and developing original Al-driven products as an entrepreneur.



David J.T. Sumpter

Professor/Head of Al | Uppsala University/Twelve Football

Panel | Adopting HPC in an SME setting

22ND OCT - 11:50

Professor David Sumpter is author of Collective Animal Behaviour (2010), Soccermatics (2016), Outnumbered (2018), The Ten Equations that Rule the World (2020) and Four Ways of Thinking (2023). His research work, including more than 100 scientific articles, covers everything from the inner workings of fish schools and ant colonies, through social psychology and segregation in society, to machine learning and artificial intelligence. He has consulted for leading football clubs and national teams, including England, Ajax,Barcelona, Hammarby in Sweden and several Premier League clubs. He is currently Head of AI at the company Twelve Football he co-founded. He has featured in documentaries for Amazon Prime and written for The Economist 1843, The Telegraph, The Guardian, The I-Paper, The Conversation, Prospect, Mathematics Today and FourFourTwo magazine.



Anders Arpteg

Senior Director, Head of Al and data CoE | GlobalConnect

Panel | Al at Scale: How Are DSML Functions Adapting to the Thousand-Agent Future?

22ND OCT - 15:55

Anders has been working and researching AI for 20 years in academia and industry, with a Ph.D. in AI from Linköping University. Worked at Spotify for many years, using big data and machine learning techniques to optimize the user experience, and then headed up the research team at Peltarion to operationalize the latest AI techniques. Now working with the exciting goal to use data science and AI to defend the Swedish democracy and industry at the Swedish Security Service. Also a member of the AI Sweden steering committee, the Swedish AI Agenda, the European AI Alliance, and conferences such as ICML, ICLR, and JCP, and member of several advisory boards.



Sigurdur Bjartmar Magnússon

CTO | GreenFish

Panel | Adopting HPC in an SME setting

22ND OCT - 12:05

Sigurdur Bjartmar Magnússon is the CTO of GreenFish, where he develops large-scale Al and machine learning models for fisheries using earth observation and oceanographic data. He holds a Master's degree in Space Engineering from the Technical University of Denmark (DTU). His previous roles include working at EUMETSAT on cloud and satellite data processing, and at the Data Management and Software Centre of the European Spallation Source, where he focused on high-performance computing. His work centers on deep learning, HPC, and applied Al, with experience in both scientific research and operational systems.



Mikael Johansson

Manager, Quantum Technologies | CSC - IT Center for Science
Panel | Emerging Technologies - Quantum computing in the Nordics

22ND OCT - 16:10

Speaker bio coming soon...

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Meet the Speakers



Petra Dalunde

Co-director MIMER AI Factory | RISE Research Institutes of Sweden

Panel | Adopting HPC in an SME setting

22ND OCT - 16:55

Petra Dalunde is an experienced project leader and COO that has been at RISE since January 2023 driving and coordinating the work of formal test and evaluation of AI. Since the spring of 2025 she is Co-Director of the Swedish AI Factory MIMER. Before that she has work as an political advisor in the City Hall of Stockholm, founded a testbed for Smart Cities in Kista https://urbanictarena.se/, supported the AI transformation in organisations at AI Sweden https://www.ai.se/sv and much more. The aim in MIMER is to give access to free compute to AI startups and SMEs as well as AI expertise, tools and training for the whole AI cycle – develop, test and deploy.



Pier Luigi Dovesi

Co-Founder | The Good Al Lab

HPC for Good

22ND OCT - 09:20

Pier Luigi Dovesi is Chair and Co-Founder of The Good AI Lab (GAL), an independent research collective advancing responsible AI for social good in collaboration with leading AI labs and humanitarian partners. At GAL, he supports organizations such as Doctors Without Borders and FMSI through initiatives ranging from data-driven impact evaluation and AI training programs to organizational AI strategy. Pier leads projects in generative AI, autonomous driving, and robotics. His work in embodied AI shaped his conviction that AI systems - like humans - must continuously adapt. His research spans semantic and geometric perception, domain adaptation, and adaptive agents, with publications featured at CVPR, ICCV, ECCV, ICRA, and 3DV. Based in Stockholm, Pier is an active member of the AI community, organizing workshops and mentoring emerging talent with a strong commitment to diversity and inclusion.



Björn Forsberg

Researcher | RISE Research Institutes of Sweden

Panel | Adopting HPC in an SME setting

22ND OCT - 16:40

Björn Forsberg received his PhD in Timing Predictable Execution for Heterogeneous Embedded Systems from ETH Zürich and his MSc in Information Technology Engineering from Uppsala Universitet. His core interests lie at new and enabling technologies at the hardware/software boundary, and its impact on system programmability, real-time properties, and performance. His interest also include computer architecture with a focus towards memory systems and real-time scheduling for energy-efficiency, and compilers.



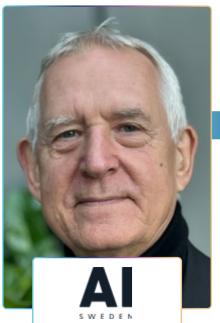
Ulrik Nicolai de Lichtenberg

Director, Scientific Projects at GEFION | Danish Centre for Al Innovation (DCAI)

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 09:45

Ulrik s the Director of Scientific Projects at the Danish Centre for Al Innovation (DCAI) which own and operates the GEFION Al Supercomputer. Dr. de Lichtenberg holds and MSc in engineering and a PhD in Bioinformatics from DTU. He has over 25 years of expertise in data science, Al, data management, research IT, and biomedical research from both academia and industry, including many years serving as Head of Research Informatics and Data Management at LEO Pharma. More recently, he worked six years at the Novo Nordisk Foundation (third largest research foundation in the world) on major Al and data science initiatives, including in the scoping and design of the Gefion Al supercomputer project.



Björn Hovstadius

Manager | Al Sweden

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 10:30

Björn is a Al Sweden Manager with focus on Generative Al adoption, Infrastructure, and international cooperation. Former member of EuroHPC RIAG.



Guy Lonsdale

CEO | Scapos AG

Panel | Bridging Industry Needs and European Initiatives

22ND OCT - 10:30

Dr. Guy Lonsdale, CEO of scapos AG, got his PhD in Mathematics (Numerical Methods) from the University of Manchester, UK. Before joining scapos he was in charge of the HPC research lab with NEC Europe. In support of Fraunhofer, he has been a member of the ETP4HPC Steering Board since its foundation and is currently its treasurer. He has 30+ years of experience in management of EU R&D projects, specifically in the HPC/Simulation areas, particular contributions include the role of Project Coordinator of the FocusCoE CSA (supporting the HPC Centres of Excellence, 12/2018-3/2022) and responsibility for the Open Calls of the Fortissimo projects (the latest instance being the FFplus project) that support SMEs to develop their innovation potential through the use of HPC.

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Partners and Exhibitors



NCC

https://eurohpc-ju.europa.eu/

National Competence Centres (NCCs) under the EuroCC2 project serve as national hubs for HPC, connecting industry, academia, and public sectors with expertise, training, and resources. They map national competences, streamline access to HPC services and projects, and promote industrial adoption to drive innovation and digital growth. EuroCC2 has received funding from the European High-Performance Computing Joint Undertaking (JU). The JU receives support from the Digital Europe Programme and its member countries.



ENCCS

https://enccs.se/

The EuroCC National Competence Center Sweden (ENCCS) is hosted jointly by Linköping University (LiU), home to the National Academic Infrastructure of Supercomputing in Sweden (NAISS), and the RISE Research Institutes of Sweden, an independent state-owned company which serves as Sweden's research institute and innovation partner. The centre's vision is to serve as the go-to HPC competence hub in Sweden, uniting industry, academia, and public administration under the umbrella of High-Performance Computing (HPC), Artificial Intelligence (AI), High-Performance Data Analytics (HPDA) and Quantum Computing (QC). ENCCS's mission is to serve as a knowledge-transfer nexus, connecting industry, academia, and the public sector - with a special emphasis on empowering SMEs.



EuroCC Denmark

https://www.eurocc-access.eu/about-us/meet-the-nccs/ncc-denmark/

EuroCC Denmark, hosted by the Danish e-Infrastructure Consortium (DeiC), serves as Denmark's national competence center for High-Performance Computing (HPC), Artificial Intelligence (AI), and High-Performance Data Analytics (HPDA). As part of DeiC's broader mission to develop and coordinate Denmark's digital research infrastructure, EuroCC Denmark provides expertise, access to advanced computational resources, and support for industry, public administration, and academia. Through DeiC, EuroCC Denmark strengthens Denmark's e-science capabilities by facilitating seamless access to international-level computing power, research data strategies, and cybersecurity solutions, ensuring that Danish institutions stay at the forefront of technological innovation



EuroCC Finland

https://www.eurocc-finland.fi/

EuroCC Finland is part of the EuroCC2 project, which establishes national HPC competence centers in different European countries. EuroCC Finland's mission is to support and improve the capabilities of Finnish business users to utilize the opportunities of HPC, data analytics and Al. Through EuroCC Finland, companies have access to the computing capacity of the EuroHPC LUMI Supercomputer. EuroCC Finland is operated by the CSC - IT Center for Science. In addition to EuroCC Finland, the LUMI AI Factory is also hosted at the CSC - IT Center for Science, and backed up by a consortium including Czechia, Denmark, Estonia, Finland, Norway, and Poland.



NCC Norway

https://www.eurocc-access.eu/about-us/meet-the-nccs/ncc-norway/

The Competence Centre raises awareness and provides Norwegian SMEs with the expertise necessary to take advantage of the innovation possibilities created by HPC (High-Performance Computing) technology. This includes HPDA (High-Performance Data Analytics), ML (Machine learning) and AI (Artificial intelligence), thus increasing the SME's competitiveness.



IHPC

https://www.ihpc.is/

The EuroCC-supported National Competence Center (NCC) Icelandic High-Performance Computing (IHPC) serves as the hub for Iceland's HPC community, which includes experts in Artificial Intelligence (AI). IHPC's initiatives unite Iceland's national specialists and link with a European network of NCCs focused on HPC and Al. This collaboration offers a diverse range of services tailored to meet the unique requirements of industry, academia, and public sectors in Iceland.



Hyperight

hyperight.com

Hyperight empowers organizations worldwide to elevate their data, analytics, and AI maturity—so they can thrive in the digital and Al economy. Through our industry-leading events, event services and digital media spanning four continents, we deliver premium insights and cutting-edge best practices that turn innovation into a competitive advantage. 13

Who should attend?

The Nordic HPC Summit is tailor-made for professionals and organizations seeking to leverage High Performance Computing (HPC), AI, and advanced infrastructure to accelerate innovation and digital transformation. If you are working in or exploring any of the following areas, this is a must-attend event:

SME Innovation & R&D

Applied AI & ML

Al Product Development

HPC for Industry

Digital & Al Infrastructure

AI + Simulation Modeling

Scientific Computing

Quantum & Emerging Tech

Cloud-Native HPC

EU-Funded Tech Initiatives



Why attend?

By attending this event, you'll gain exclusive access to:

Real-World HPC for SMEs - Discover how small and medium-sized enterprises are using EU-funded high-performance computing (HPC) to supercharge innovation, reduce R&D costs, and access compute power that was once limited to large enterprises and academia.

EU-Funded Access, No Cost to You - Learn how your organization can tap into world-class supercomputing infrastructure—such as LUMI and EuroHPC platforms—completely free of charge, through structured support and funding initiatives designed specifically for SMEs.

Case Studies with Real Impact - Hear directly from companies that have adopted HPC to solve real-world challenges—from improving product design and simulating industrial processes to optimizing logistics and transforming sectors like sports, fisheries, and biotech.

Bridge Between Research & Industry - Understand how the gap between cutting-edge research and commercial application is closing through cross-border collaboration, technology transfer, and EU-backed frameworks that accelerate deployment.

Next-Gen Innovation Opportunities - Explore emerging technologies—quantum computing, RISC-V, sovereign cloud architectures—and how they intersect with HPC to power the next wave of industrial innovation.

Production-Ready Compute - Gain practical knowledge on scaling from prototype to production using HPC. Learn how to manage workloads, reduce time-to-market, and build robust pipelines for advanced analytics and Al applications.

Resilient Digital Infrastructure - Build a foundation for future innovation with secure, scalable, and sovereign compute environments. Understand how data governance, energy efficiency, and infrastructure-as-code play into HPC strategy.

SME-Focused Panels & Networking - Connect with peers, experts, and policy drivers who understand the unique needs of SMEs. Access tailored sessions that focus on practical adoption, available resources, and future opportunities in the EU HPC ecosystem.

Policy, Funding & Strategy Insights - Get the latest on European and Nordic governmental investments in HPC and Al. Discover how to align your innovation goals with strategic public initiatives, and where funding opportunities lie.

Tech Demos & Showcases - Experience hands-on demonstrations from hardware providers, software platforms, and EU-supported projects. See how HPC is being operationalized today—and how your business can benefit tomorrow.

Venue

Hotel Birger Jarl

Hotel Birger Jarl is a 4 start hotel situated in Vasastan district of Stockholm in 1.1 km from the centre. The hotel is couple of minutes of Sergels Squere, Stockholm Central Station and The Royal Palace. The hotel has a capacity of 271 Rooms and conference facility for events up to 550 people.

Address:

Birger Jarl Hotel Birger Jarlsgatan 61/A, 113 56 Stockholm, Sweden TeL: +46 (0)8 674 18 00 www.birgerjarl.se



Practical Information

DATE: 22ND October 2025

Online Platform: Agorify

Onsite Location: Birger Jarl Hotel

Birger Jarlsgatan 61/A, 113 56 Stockholm, Sweden

Tel: +46 (0)8 674 18 00

REGISTRATION

Fee: Free to attend with approved registration

Register by phone: Tel: +46 (0) 73 761 8338
Register by email: events@hyperight.com

https://enccs.se/events/nordic-hpc-summit-2025/

14 https://nordichpcsummit.enccs.se/

2025 Nordic Data & Al Week

A week of nothing but awesome data and Al events



ALL ABOUT MODERN DATA MANAGEMENT

MODERN DATA STRATEGY & GOVERNANCE

MODERN DATA PLATFORM & ARCHITECTURE

DATA PRODUCTS AND ENABLEMENT

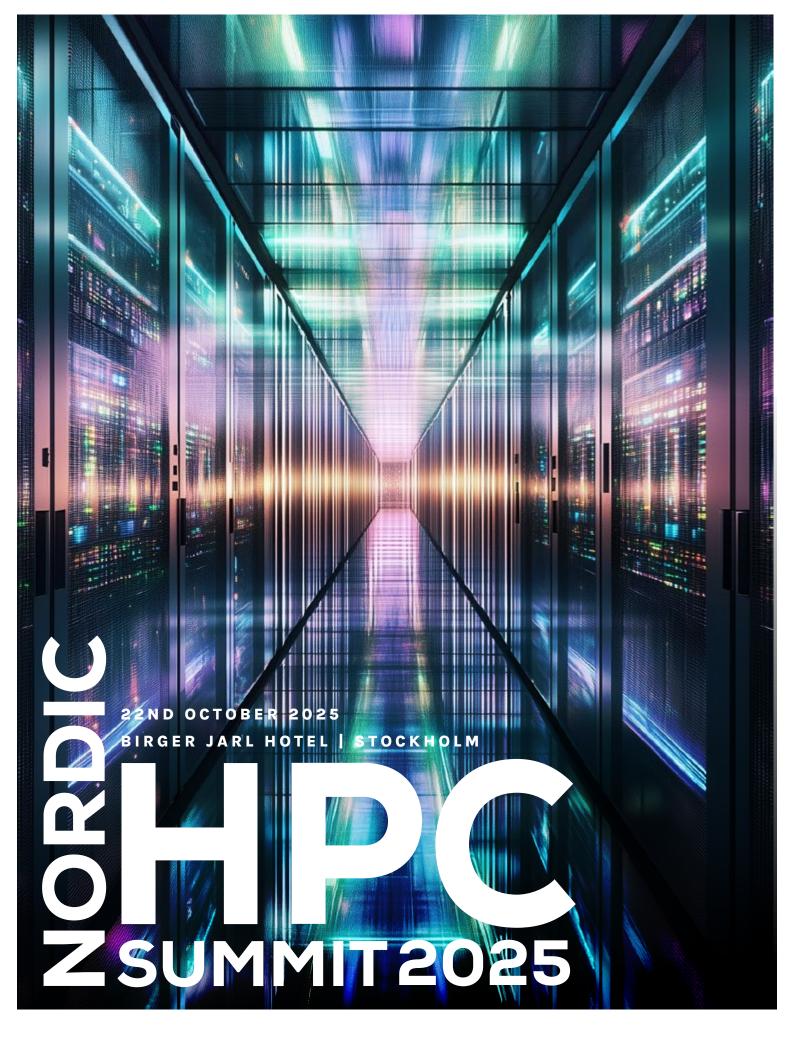
What happens when the Nordic Data Management, HPC, and Data Science & Machine Learning communities align their flagship events in one week, under one roof? You get the 2025 Nordic Data & Al Week-an unmatched convergence of conferences, visionary talks, hands-on workshops, partner showcases, and vibrant celebrations.

We kick off on October 21 with the 10th annual Data 2030 Summit, where data management leaders come together to architect the Al-powered enterprise. This summit propels transformation through modern operating models, data platforms, and governance strategies. Day 1 hosts a high-impact conference; Day 2, October 22, offers focused, practical workshops.

Also on October 22, two major events join the momentum. The second annual Nordic HPC Summit convenes Al innovators, SMEs, infrastructure providers, and policymakers to accelerate collaboration, expand compute capacity, and advance digital sovereignty. Meanwhile, the 10th annual NDSML Summit puts the spotlight on cutting-edge developments in Generative, Agentic, and Applied AI across industries. That evening, all three communities come together to celebrate at the iconic AI Confessions Party.

The NDSML Summit continues on October 23 with its main conference day-delivering insider insights into the latest tools, techniques, and trends redefining data science and machine learning in the enterprise.

Choose one summit, attend both, or divide and conquer with a colleague—then reunite at the party. Flexible formats. Unrivaled content.



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