

Michaela Barth

 cuela@kth.se

+46 70 090 7891

www.linkedin.com/in/michaela-barth-18a33774/



TL;DR

Experienced manager within digital infrastructure and e-science.
Technical and research background. Strong interest in sustainability, realisation of benefits, cost efficiency as well as competence development.

Experience

Project management and coordination for research infrastructure on National, Nordic and European level

KTH Royal Institute of Technology:

HPC Technical Project manager (since Nov. 2020) at PDC Center for High Performance Computing

- Organisation and preparations for putting the national academic HPC flagship system Dardel in place (e.g. introducing LDAP, introducing SSH key pair login, Total Cost of Ownership calculations, digital power consumption twin)
- Industrial customer handling for the **PDC Business unit** (cost calculations, contracting, accounting supervision and support for computational services, storage and Backup as a Service)

Nordic e-Infrastructure Collaboration @ CSC – IT Center for Science Ltd, Finland:

NeIC Senior Advisor (since May 2025)

- Project ownership, project portfolio management, funding applications management, impacts analysis and reporting, Steering Group member for Nordic Data Stewardship Network (NDSN)

Other ongoing:

- **KTH Research Data Team member** (since February 2020): collaborating on proposing university guidelines, course creation and pilots (e.g. for KTH Data Repo), in-kind towards Swedish National Data Service (SND) in the provision of Persistent Identifiers for eResearch and ePIC mirrors.
- Vice-chair of the Swedish Biodiversity Data Infrastructure SBDI: already steering member in precursor organisations BAS and SLW since January 2018
- ETP4HPC SRA6 Energy Efficiency & Sustainability whitepaper contributions

NordForsk:

Executive Manager Nordic e-Infrastructure Collaboration (March 2013 – February 2021), typically at 80% parttime

- Setting up and leading the NeIC Generic Area and the Pool Competencies focus area (incl. data management), as well as the NeIC HR policy incl. monitoring
- Leading evaluations on NHPC or the Nordic use of PRACE
- Ownership for 10+ projects facilitating the development of advanced IT tools and services in the Nordics: Steering and overseeing activities on e.g. scientific software, cloud computing, LHC Tier-1, resource usage accounting, improved weather forecast quality, climate modelling and digital humanities (SGAS maintenance, B2SHARE Nordic, Nordic WLCG Tier-1, CodeRefinery++, Glenna++, iOBS++, Ratatosk, NDHL, NICEST2) with an annual typical budget worth of 35 MNOK
- Strategy development and portfolio management as part of the NeIC Executive team
- Benefit realisation, HR competence development and strategy implementation as part of the Project Management Office

KTH Royal Institute of Technology: Participation in several European collaboration projects, e.g.:

PRACE RI Swedish coordination for project phases 2IP, 3IP and 4IP (Sept 2012 – April 2017), also PRACE industrial support (SHAPE) and Swedish PRACE DECI contributions and processes (September 2012 – June 2022, with interruptions)

EUDAT Task leader for Task 7.2 *Joint Access to Data, HTC and Cloud Computing Services* (June 2015 – April 2018); part of 7.1 *Joint Access to Data and HPC Services*

EGI.eu Coordinator *Interoperations between NGIs and other DCIs* (May 2010 – August 2011); Engagement in OGF working groups PGI, IPG and SIENA

NDGF Operational Manager and **EGEE III Operational Documentation head** (Stand-in, October 2009 – January 2010)

Education

Ph.D. (ISCED 6) at the Institute of Astro- and Particle Physics, University of Innsbruck, Austria, funded by Research Scholarship for Austrian Graduates and Tyrolean Science Fund; *Astrophysics and Grid Computing – an Analysis of experienced Gain on the Basis of selected Case Studies*

Master of Science (ISCED 5A) in both Physics and Astronomy at the University of Innsbruck, Austria; Winner of the ÖGA² Master Thesis Award 2003

Languages

German, Swedish C1, English C1, French B2, Italian B1, Spanish A2, Japanese