SLING Service Portfolio

Jan Jona Javoršek, Jožef Stefan Institute

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%(Zakaj angleško?

SLING Service Portfolio

SLING: Slovenian National Supercomputing Network Consortium

- Consortium: administered by Arnes
- Consortium members:
  universities, institutes, national ESFRI nodes companies
- EUROCC2 National Competence Centre (SLING activity)
- Outreach, networking and user support of related projects and centres:
  EPICURE, MultiXscale, InterTwin, PlasmaPEPSC, Excellerat P2, MaX
  provided by national partners, as contact towards international community
  most, but not all, EuroHPC, EOSC, other European or national funding

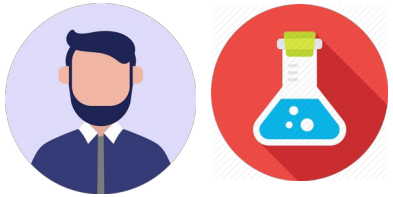
Slovenian Research and Innovation Agency
REPUBLIKA SLOVENIJA
MINISTRSTVO ZA VISOKO ŠOLSTVO, ZNANOST IN INOVACIJE

Initial Consulting for: Organizations & Researchers

Help find solutions and contacts for the whole HPC app/data challenge

- Define the challenge and specific goals
- select software, methods, data sources, formats and policies
- obtain access to HPC resources
- processing, visualization and preservation of results
- support the implementation of the final workflow
- connect with specialists in the relevant research domain
- consult our industrial user support to learn about commercial and business options

Industrial Users' Support for: Industrial Entities



Orientation and solutions for industrial and commercial usage

- dedicated trainings & workshops
- select and plan access to compute and data resources, testing access
- proof-of-concept applications using existing solutions
- licence server proxies, data encryption, safe transmission and storage, VPN to company network
- help develop access project applications for national and international access
- assist with dedicated industrial access calls (such as FF-Plus)
- use https://**HPC4SME**.eu/ questionnaire to sign up

Arctur and 15 NCCs, 9 languages

Open Access

for: Organizations & Researchers

SLING National Open Access & EuroHPC Access Calls

- Resources: computing, storage, support, high throughput network
- Who: universities and higher education
  - other educational institutions
  - research organizations
  - industrial research and development groups
  - Arnes users
- Support with: access allocation, registstration, perparation of applications, reporting.
- Access types: benchmarking, development, regular, large
- Slovenian national access to EuroHPC Leonardo
- Support writing proposals for EuroHPC access

Industrial Acess for: Industrial Entities

Build capacity: use industrial support + test access + test workflows

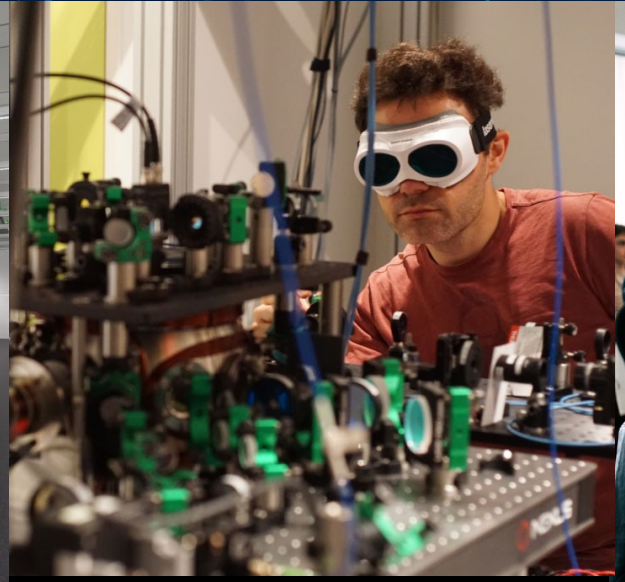
- SLING public infrastructure limited to 20 % of commercial
- EuroHPC calls support industrial access
- DIH DIGI-SI **Acess Vouchers**: for SME, access to EuroHPC Vega & HPC Arctur 2 with dedicated support by DIGI-SI agents
- clusters with dedicated support for commercial use
  - HPC Arctur 2
  - HPC Maister, University in Maribor
  - EuroHPC Vega
- Registration: https://sling.si/forms/komercialni/

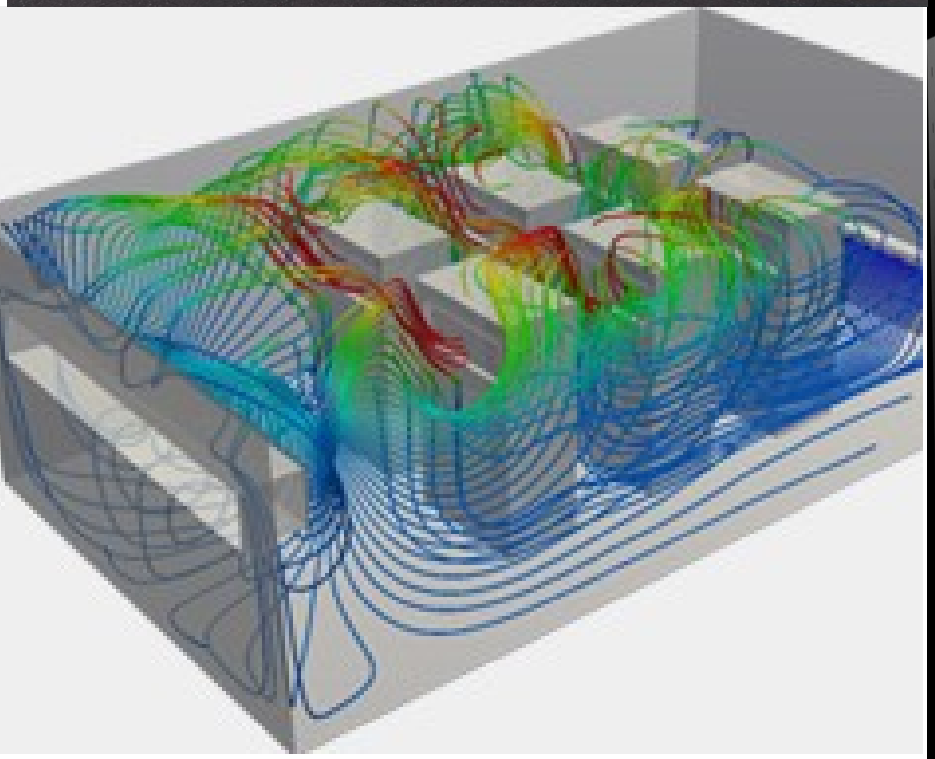
SLING/NCC as a community gateway

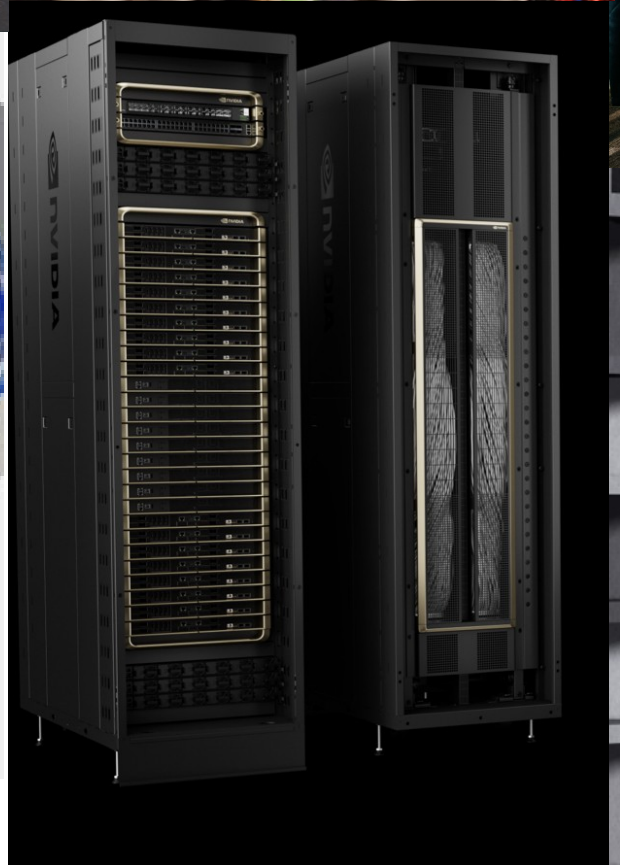
General services for organizations, individuals and community

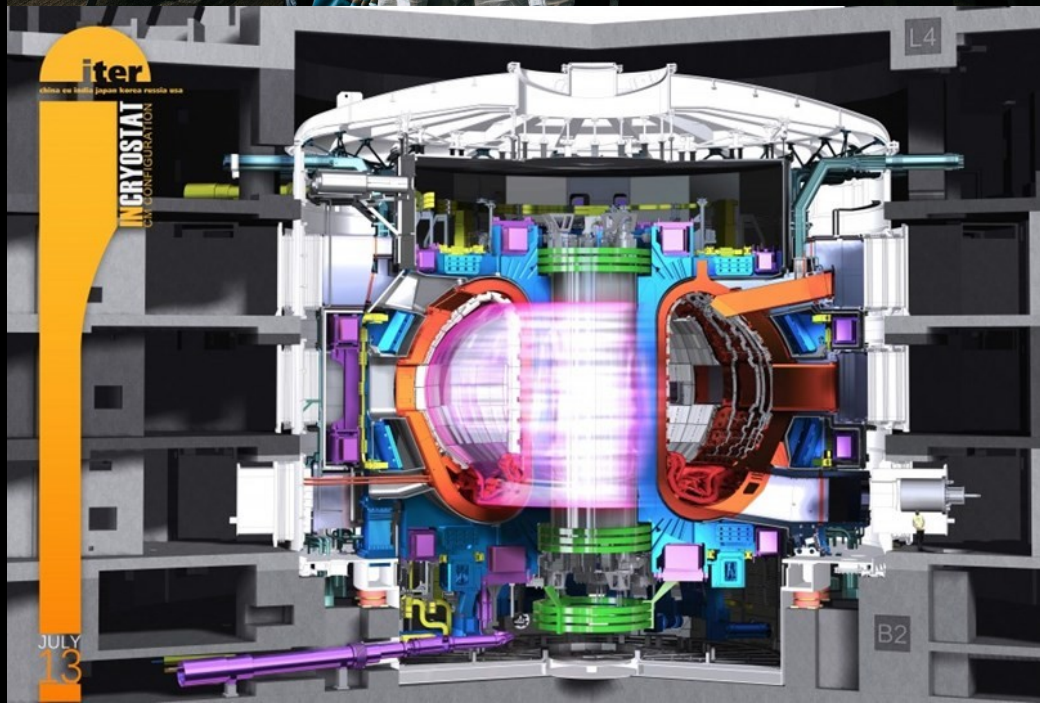
- Trainings, workshops, seminars by SLING and EuroHPC PS entities
- Domain experts, HPC admins, ML experts, data scientists in Slovenia and in Europe
- Acess to domain-specific Centres of Excellence
- Working with ESFRI communities
- Combine with EOSC / GÉANT / EGI
- BOF events, conferences, events
- Interdisciplinary actions, pairing
- Coordinated resource planing and development in SLING
- Coordinated research and infrastructure project proposals

LEONARDO
EuroHPC
CINECA
Founded by
the European Union






NVIDIA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china eu india japan korea russia usa
CRYOSTAT
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Thank you.
[Questions?]

Jan Jona Javoršek
Jožef Stefan Institute

REPUBLIC OF SLOVENIA
MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION

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