





WP2.2 news

Piergiulio Lenzi, Alberto Annovi 5th December 2023







Tool for resource requests

The ICSC Resource Allocation Committee (RAC) is in office.

They have prepared a tool to submit resource requests at: https://pica.cineca.it/icsc/richiesta-risorse-e-servizi/

Requires "Loginmiur" credentials, or PICA credentials (form to request them).

Flagship PI are invited to look into it and see if they find it usable to submit their requests

A few caveats:

- There is currently no way to specify a temporal development of the requests.
- More instructions will come in the coming days.

Requests for Ultrafast simulation and Quasi interactive analysis submitted.



Meeting Spoke 2

- 18-20 December
 - \circ 14:30 of the 18 \rightarrow 12:00 of the 20
- Bologna + Zoom
- Agenda: https://agenda.infn.it/event/
 38374/
- Call for abstracts for the lightning talks deadline Dec
 10th
- Full details in Nov 10th email



Spoke2 Annual meeting

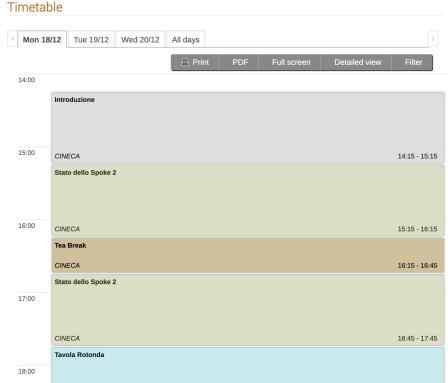
18–20 Dec 2023 CINECA

Europe/Rome timezone

Enter your search term Q







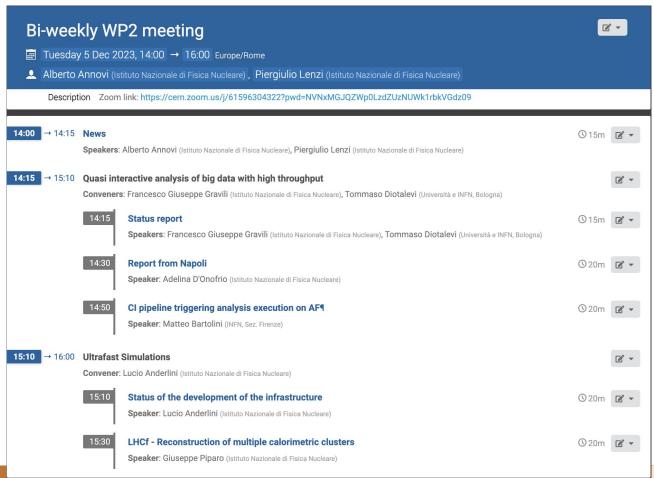








Agenda for today









Resources one can (or will be able to) request

- Leonardo:
 - Booster module already available:
 - 3456 nodes, each equipped with:
 - 1 x CPU Intel Xeon 8358 32 cores, 2,6 GHz;
 - 512 GB RAM DDR4 3200 MHz;
 - 4 x NVidia custom Ampere GPU 64GB HBM2;
 - 2 x NVidia HDR 2×100 Gb/s cards;
 - 10% of the resources available for Italy, i.e.:
 - up to 470'000 GPU hours per month;
 - up to 1 PB Work and 1 PB archive (no quota on scratch);
 - DC-GP module TBD
 - Available by the end of the year;

INFN Resources made available during H1 2024 – procured via ICSC tenders

Compute:

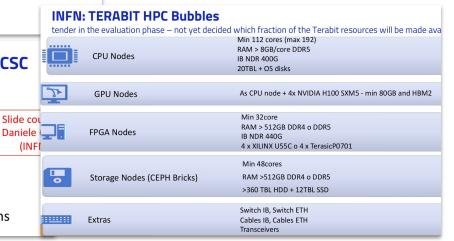
- 40k core on the distributed infrastructure Storage:
- 14PB DISK on the distributed infrastructure
- 6PB DISK on the CNAF Tier1 Datacenter
- tape library access for long term archival on the CNAF Tier1 Datacenter

Part of the resources will be accessible via Cloud interfaces, part via Grid systems

INFN Resources Available by Now

Resources available for ICSC on the current INFNCLOUD infrastructure availability of the hardware that is being procured via tenders on project

- Compute:
 - 1500 vCPU; (HyperThread ON)
 - 200 TB net disk space;
 - a marginal number of GPUs (NVIDIA V100 and A100);



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5 Dec 2023

WP2.2 General Meeting









Upcoming conferences

- □ 2023 November LHCC meeting, student poster session.
- □ 29 January 2024 to 2 February 2024, CERN, 6th Inter-experiment Machine Learning Workshop https://indico.cern.ch/event/1297159/
- 4−7 Mar 2024, Clermont-Ferrand, AISSAI Anomaly Detection Workshop, https://indico.in2p3.fr/event/30272/
- 30 April 3 May 2024, Amsterdam, European AI for Fundamental Physics Conference https://www.eucaif.org/
- 3–8 Jun 2024, Boston, USA, 12th Edition of the Large Hadron Collider Physics Conference https://indico.cern.ch/event/1253590/
- **⇒** Please consider them for abstract submissions!







Reporting

New procedure agreed with the referees:

For each project milestone we will need to produce a report for each flagship UC.

Milestones are:

- Month 18 (Feb '24) → Milestone 7
- Arr Month 22 (June '24) ightharpoonup Milestone 8
- Month 26 (Oct '24) → Milestone 9
- \triangleleft Month 36 (Aug '25) \rightarrow Milestone 10

Every two months an interim short report is needed as well for every flagship UC









Tracking WP2.2 activities

- Tracking of WP2.2 will happen in this document. The document can be edited freely so you can update information. (Just the summary sheet is protected)
- It contains also a list of conference opportunities (see next slide)
 - You are welcome to add in new conferences.

| Dates 29/1/2024 - 2/2/2024 4-7/3 2024 30/4-3/5/2025 3-7/6/2024 | Venue CERN Clermont-Ferrand Amsterdam Boston | Website https://indico.cern.ch/eve https://indico.in2p3.fr/eve https://www.eucaif.org/ https://indico.cern.ch/eve | ent/30272/ | s closes on Nov 1 | 5th 2023 |
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