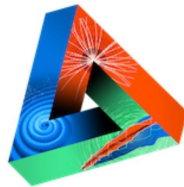


# JENA WP1 meeting

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May 27, 2024



**JENAA**

Joint ECFA-NuPECC-APPEC Activities

**ECFA**

European Committee for Future Accelerators



**NuPECC**

 **APPEC**

## Live notes - please take note of that!

Similar to last kick-off meeting (April 22), we use a shared google document to take live notes and to share comments

[https://docs.google.com/document/d/1ei5XMzLsuWO4WIKr\\_c1XCKMslaQorkgOXAZUucSAPm4/edit#heading=h.ey5evmcsawfi](https://docs.google.com/document/d/1ei5XMzLsuWO4WIKr_c1XCKMslaQorkgOXAZUucSAPm4/edit#heading=h.ey5evmcsawfi)

Please add your name there as attendant to the meeting today! Thanks.

# Reminder - Background

At the JENA Symposium in May 2022 in Madrid (<https://indico.cern.ch/event/1040535/>) both the plenary presentations and the closed session of funding agency representatives revealed that there is an increased need for discussions on the strategy and implementation of European federated computing at future large-scale research facilities.

A JENA workshop on the strategy of computing was celebrated in Bologna in June 2023 (<https://agenda.infn.it/event/34738>) aimed to define what are the computing requirements in the next decade and to try and find synergies both in facilities and software.

Main conclusion at the Bologna-Workshop was the creation of five working groups in order to coordinate a white paper as input for the next JENA Symposium in 2025:

- **WG1: HTC, WLCG and HPC (HPC)**
- WG2: Software and Heterogeneous Architectures (Software)
- WG3: Federate Data Management, Virtual Research Environments and FAIR/Open Data (Data)
- WG4: Machine Learning and Artificial Intelligence (AI)
- WG5: Training, Dissemination, Education (TDE)

## Reminder - WG scope

The overall goal is to try and have a coordinated voice from the three JENA communities towards EuroHPC, the organisation that plans, runs and manages the funding for the large HPC machines in Europe.

Concrete goals:

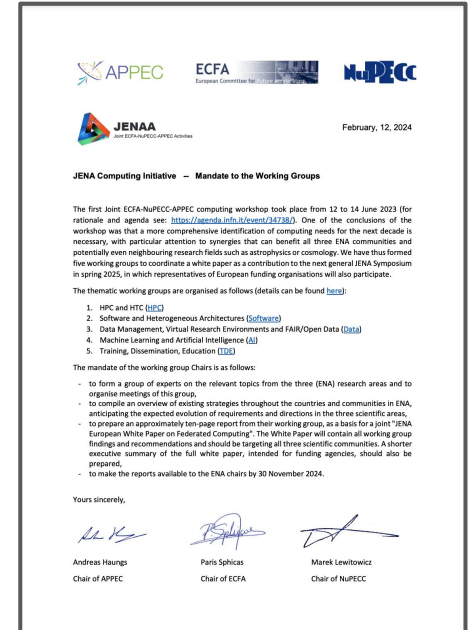
1. Try to get some "priority/strategic" long-term allocation in EuroHPC so that ENA experiments could access a number of CPU/GPU hours/year without the need to submit proposals quarterly.
2. Have a voice in the planning process for the large HPC in Europe, both at the design level (e.g. ask for more or less CPU vs GPU or certain network requirements) as well as the operations level (e.g. ask for consistent backfill mechanisms in all the EuroHPC machines so that idle cpu-hours could be used by opportunistic workloads).

# Reminder - timescale, vision and mandate

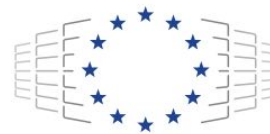
The ECFA, NuPECC and APPEC chairs have tasked WGs with a clear mandate to produce a report summarizing our findings by the **end of November** this year.

- 10 page report + 1 page executive summary for F.A.s

The review and recommendations should target having an impact in the upcoming 3-5 years (standard funding cycle for many projects/facilities).



# WG kick-off process and follow ups

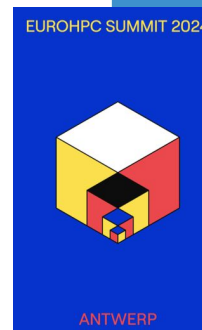


**EuroHPC**  
Joint Undertaking

[Kick-off meeting](#) April 22, 2024 with high attendance! Minutes can be found [here](#). Couple of follow-ups:

## Action items following the kick-off meeting:

1. Setup of communication tools: [Indico](#), [Google docs](#), [Mattermost](#) (please sign up if you haven't done so already).
2. Collect relevant papers from ENA communities → [Google docs](#) (please supplement, assign readers to report for next meetings?).
3. Get in contact with [EuroHyPerCon](#) (Fotis Karayannis) to discuss recent survey funded by EuroHPC JU and role/input/connectivity with ENA (TelCo on May 9).
4. Setup ENA-internal [survey](#), prepare questions (to be discussed).
5. *Open items*: “how-to communicate” with EuroHPC JU (via advisory boards? staff?) Participate in [SPECTRUM](#)? Propose Center of Excellence for HEP? Stronger involvement of theory?



# Today's meeting

## JENA Working Group 1 on HPC/HTC



Monday May 27, 2024, 11:00 AM → 12:35 PM Europe/Zurich

Online

**Description** Zoom coordinates:

<https://gsi-fair.zoom.us/j/68610201057> (Passcode: 148698)

Live notes:

[https://docs.google.com/document/d/1ei5XMzLsuWO4WIKr\\_c1XCKMslaQorkgOXAZUucSAPm4/edit#heading=h.ey5evmcawfi](https://docs.google.com/document/d/1ei5XMzLsuWO4WIKr_c1XCKMslaQorkgOXAZUucSAPm4/edit#heading=h.ey5evmcawfi)

Relevant shared documents etc.:

<https://docs.google.com/document/d/1yYUdf8enaqsWHTmqz8z5gsj0dDtMBLrzVsDPmsuxhPI/edit#heading=h.jzvr1wtg7yca>

11:00 AM → 11:10 AM **Setup / news**

🕒 10m

11:10 AM → 11:30 AM **The EuroHyPerCon initiative**

🕒 20m

**Speakers:** Fotis Karayannis (innov-acts), Vassilis Merekoulis (Enomix)

11:30 AM → 11:50 AM **Input from CERN/WLCG**

🕒 20m

**Speakers:** Dr Maria Girono (CERN), Dr Tommaso Boccali (INFN Sezione di Pisa)

11:50 AM → 12:10 PM **Preparation survey questions**

🕒 20m

12:10 PM → 12:30 PM **Discussion / AoB**

🕒 20m