Updates and communications
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WP1,WP2 Monthly Meeting, October 10, 2024

ICSC Italian Research Center on High-Performance Computing, Big Data and Quantum Computing   Missione 4 • **Istruzione e Ricerca**

WP1/2 Announcements

- **Deadline for research report for Milestone M9 is approaching - <u>October 23rd, 2024</u>**
  - \- https://l.infn.it/usecases-wp1-2 : Use Case descriptions - official WP1/2 list
  - \- https://l.infn.it/rendicontazione-wp2 : KPI & Targets WP2
  - \- https://l.infn.it/rendicontazione-wp1 : KPI & Targets WP1
  - Please, be consistent with what you have already planned for M8 and M9 - **do not make any changes at this stage**
  - Inform us of any deviations from planned activities
  - **Fill in M10 as well**
- **All use case MUST be on GitHUB**
  - https://github.com/ICSC-Spoke3 mail to dario.gasparrini@roma2.infn.it to be added to the group
  - in case of closed or collaboration codes, upload instructions, links or interface to the main code - check that all links work, the referees are going to check all of them.

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WP1/2 Announcements

- **33rd Euromicro International Conference on Parallel, Distributed, and Network-Based Processing (PDP 2025), from March 12-14, 2025, in Turin, Italy.**
  - **https://pdp2025.org/**
  - Our one-day special session - ACOHPC - **"Astrophysics and Cosmos Observation: HPC and Big Data Management - New Results and Perspectives for the Community"**
  - Papers presented in this session will be published in the IEEE proceedings

    Abstract submission deadline: October 30, 2024, 23:59 AOE
    Full paper submission deadline: November 15, 2024, 23:59 AOE
    Camera ready full papers (all tracks): January 27, 2025

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WP1/2 Announcements

- **Second Technical Meeting Spoke 3 - Bologna, December 17 - 19, 2024 - Territorial Research Area of Bologna**
  - **https://indico.ict.inaf.it/event/3001/**
  - You can already register and submit your abstract
  - **Main question to answer**: Could you complete the project by February 2026? If not, why? What are the key bottlenecks or critical issues preventing timely completion? Additionally, what resources or support would be needed to ensure the project is finished on schedule?

- **End of ICSC - officially extended to February 2026**
  - deadline for report expenses: December 31, 2025

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Today's Speaker

(we are **<u>NOT</u>** going to record your contribution)

- Elena Sarpa

Please remember to upload your presentation on indico

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Update Round

Please answer the following three questions for each code:
1. — What's the main result you have accomplished during last month?
2. — Which KPI(s) have you fulfilled so far?
3. — What's the main (not yet solved) issue you are facing?

and Fill the minutes

- ISTEDDAS - SISSA
- HIP-HOP - SISSA
- PLUTO - UniTO
- TURBO - UniTO
- COSMICA - INFN
- GPU porting of a Cosmological Boltzmann solver - INFN
- NP_TMCode - INAF OACa
- 21cmFAST - SNS
- Mercury-Arxes - INAF OATo
- GUIBRUSH(R) - INAF OATo
- RAMSES - INAF OAS
- BrahMAP - UniTOV
- Sparse representations for spectral-imaging codes.
- RICK - INAF
- PRESTO - INAF OACa

- GalaPy - SISSA
- OpenGadget - UniTs
- PINOCCHIO - UniTs
- STINGRAY - INAF OACa
- RAMSES/other numerical nbody+hydro code - SNS
- Gaussian - SNS
- PBJ - SISSA
- Simulations for LiteBIRD experiment. - INFN
- TEPID-WINE - UniTOV
- StratLEarn - SISSA

Reminder

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Next meeting: November 14, 14:30 CEST