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PIANO NAZIONALE DI RIPRESA E RESILIENZA

ICSC
Centro Nazionale di Ricerca in HPC, Big Data and Quantum Computing

Updates and communications

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WP1,WP2 Monthly Meeting, Dec 20, 2023

New Format of monthly meetings

These monthly meetings will feature a new **format**:

— 5 min: Welcome and communications from the WP leaders
— 15 + 15 min: two long presentations contributed by selected speakers
— 20 min: round table of updates
— 5 min: final remarks from WP leaders

have to answer the following three questions:
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 check what written in the minutes

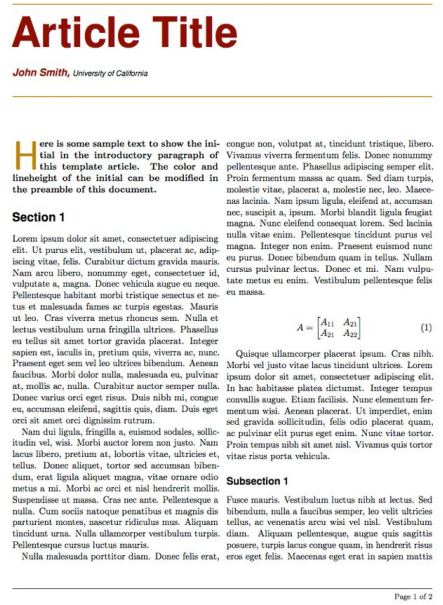
— December 13th, 2023 at 10 AM - RAMSES (INAF-OAS), GalaPy
— January 17th, 2024 at 10 AM - PLUTO, RAMSES (SNS)
— February 21st, 2024 at 10 AM - BrahMAP, PINOCCHIO
— March 20th, 2024 at 10 AM - RICK, PBJ
— April 17th, 2024 at 10 AM - NP_TMCode, HPC and accelerators exploitation for radio imaging software

Each presentation has to focus on the methodology of the work and on the main technical aspects of the ongoing work. Besides, the speaker has to frame their work in terms of planned KPIs and address whether they are on schedule.

Publication policy

Thanks for your Feedbacks

This week the assembly discussed it, we are waiting for updates



Article Title

John Smith, University of California

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Section 1

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Subsection 1

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Annual Meeting - 5-9 Maggio 2023 - Elba

Dec 20th (TODAY) deadline for apply

Registration Fee: 150€.

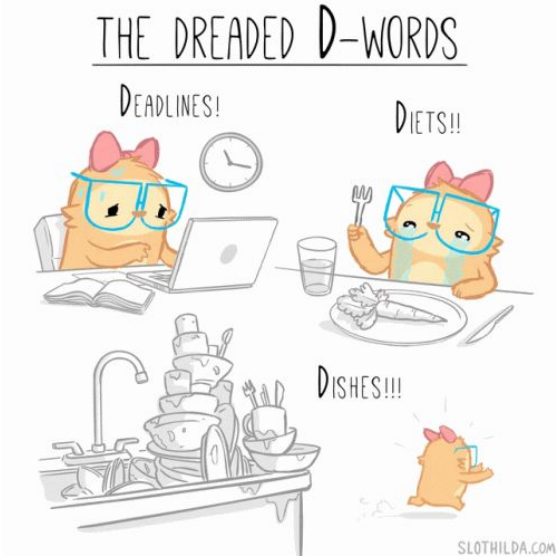
Location Hotel HERMITAGE

All meals included in the hotel fee
Euro 205,00 double room shared
Euro 58,00 extra fee for single room
Euro 150,00 other not participant guest

Milestone 7 DEADLINE

ML7 conclude on end of January

be ready for middle January to send ML7-KPI and review ML8-KPI



Computational resources

Finally (maybe) We have them!!

- Key Science Project: **DEADLINE for make your proposal was expired Dec 7 : if you miss this deadline** please submit NOW a request via https://pica.cineca.it/icsc/richiesta-risorse-e-servizi/ there will be a review phase within spoke and CINECA -> you will be the "beta tester" of the procedure

- **for middle projects**: from ~January submit a request via https://pica.cineca.it/icsc/richiesta-risorse-e-servizi/ there will be a review phase within spoke and CINECA, review/assignment will be done every one-two months

- **for small project or test**: it is under development an internal procedure to assign directly small resources for testing and small project with put the review phase. ***To Be Defined.***

Thanks to speakers

- RAMSES (INAF-OAS),
- GalaPy

please remind to upload your presentation on indico

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and check what written in the minutes

- RAMSES - see presentation
- ISTEDDAS - no update
- PLUTO -
- COSMICA -
- BrahMAP-
- RICK - HPC and GPU development for radio astronomy data reduction
- NP_TMCode -
- Sparse representations for spectral-imaging codes.
- GPU porting of a Cosmological Boltzmann solver
-

- GUIBRUSH(R)-
- Mercury-Arxes -
- GalaPy - see presentation
- RAMSES/other numerical nbody+hydro code -
- PINOCCHIO
- OpenGadget (OG) code
- PBJ: Power spectrum and Bispectrum Joint analysis:
- HPC and accelerators exploitation for radio imaging software
- Simulations for LiteBIRD experiment.
- Temporal analysis of large data archives from X-ray missions