Updates and communications
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WP1,WP2 Monthly Meeting, Jan 17, 2024

New Activity in WP1&2

Welcome to Filippo De Lillo, Guido Boffetta and Victor De Jesus Valadao
from UniTO with their code on fluid dynamics and turbulence.

Thematic area: turbulence
Use Case: TURBO - GPU porting of pseudo-spectral codes for incompressible flows.
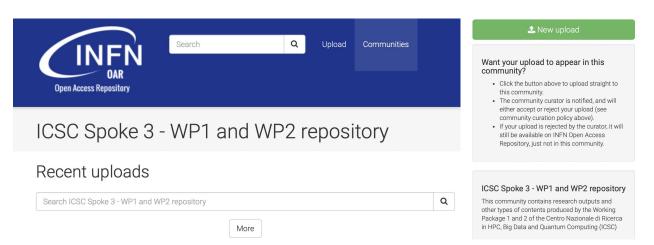
Spoke-3 GitHUB repository

We have a github organization profile to be used as code repository https://github.com/ICSC-Spoke3 people who want to be invited please write to: dario.gasparrini@roma2.infn.it

Please remember that documentations, KPIs and other materials of the WP1&2 should be made available through the openaccess repository within our community https://www.openaccessrepository.it/communities/spoke3_wp12/

Milestone 7: September 2023 - January 2024

DEADLINE to include/update/upload **Targets and KPIs** is **January 25th** (Thursday next week):

WP1

https://docs.google.com/spreadsheets/d/17VM0sgVI-67zREdK7ZJqVlHymbQDK7OakGK5dER9eCg/edit#gid=1922041983

WP2

https://docs.google.com/spreadsheets/d/1e4TGeMVn-p1oSyuo8N3RkU9-rHDEOQZ5F29CBRfSxGk/edit#gid=1922041983

All the activities that reach the milestone target MUST feature links to products
(e.g. figures, graphs, papers, tarball with code, github tagged version, …)
that can be downloaded and shared with referees upon their request.
WPleaders will collect them all for the ML report.

Please also review/update foreseen ML8-KPIs

Spoke-3 Computational resources

Finally we have them!!

- **KSPs: proposals to be submitted via PICA**

   (by end of January; Review: February; Resources: March)

Before submitting the request inform the Spoke3 leader and wait for his approval: ugo.becciani@inaf.it

- **Middle projects**: requests can be submitted via
   https://pica.cineca.it/icsc/richiesta-risorse-e-servizi/

   Review phase within Spoke3 and CINECA. Review/assignment: monthly/every two months

- **Small or test projects**: internal procedure under development to quickly assign
   resources for testing purposes and small projects. ***TBD/we will update you.***

Cascade fundings and Innovation grants

- **Cascade fundings**

  Spoke3 aims at announcing soon a call for proposals

  Total budget: > 3 millions euros

  To apply, universities may want to pair with business companies

- **Innovation grants**

  Third (last) call closes on Feb 16th – 7 millions euros still to be assigned

  Extensions to previously granted projects will be considered

Update: Publication Policy

A revised proposal recently discussed by the assembly

- Acknowledgment required for any publication

  - New text to be circulated

- Papers/products used as KPIs done by people 100% (or mainly) supported by the Spoke there are some additional procedure

  - no internal review

  - one additional author suggested by the Publication Board should be involved to acknowledge the support/effort by the Spoke

- Extended Publication Board with gender balance

Today's Speakers

(we are going to record your contribution, thanks!)

- RAMSES (SNS) - Andrea Pallottini
- PLUTO - Alessio Suriano

Please remember to upload your presentation on indico

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 check what's written in the minutes

- RAMSES (INAF)
- ISTEDDAS (absent)
- 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
- TURBO
- GUIBRUSH(R) (absent, justified)
- Mercury-Arxes

- GalaPy
- PINOCCHIO
- OpenGadget3 code
- PBJ: Power spectrum and Bispectrum Joint analysis (absent)
- HPC and accelerators exploitation for radio imaging software (absent)
- Simulations for LiteBIRD experiment (absent)
- Temporal analysis of large data archives from X-ray missions

Reminder

Annual Meeting – May 5th - 9th 2023 – Elba

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

Next meeting: February 21st, at 10:00 AM