



WP2.2 news

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Flagship use cases

Flagship documents available at these links:

- ⇒ **Quasi interactive analysis of big data with high throughput**
 - ✓ Tommaso Diotallevi (UniBo), Francesco Gravili (UniSalento)
- ⇒ **Advanced ML: flash simulation and other bleeding edge applications**
 - ✓ Lucio Anderlini (INFN Fi)
- ⇒ **Development of ultra-fast algorithms running of FPGAs**
 - ✓ Bernardino Spisso (UniNa), Simone Gennai (INFN MiB)
- ⇒ **Porting of algorithms to GPUs**
 - ✓ Adriano Di Florio (Poliba)
- ⇒ **Physics validation of reconstruction code on ARM**
 - ✓ Francesco Noferini (INFN Bo)

Thanks to the work of the PIs over the summer and to all of your contributions



ICSC spoke 2 github organization

Available at: <https://github.com/ICSC-Spoke2-repo>

People are encouraged to add repositories with software developed in the context of ICSC - spoke 2. Send us a request for the creation of repos/moving of repos

Important: if you are not the owner of a repository (e.g. because it is the repository of an experiment and it contains code other than the one developed in the context of ICSC), we'd still be interested in forking the repo in this organization

Having spoke 2 code in this organization is important for reporting/auditing from the referees



Flagship UC mailing lists

- ⇒ Quasi interactive analysis of big data with high throughput
 - ✓ [\[cn1-spoke2-wp2-analysisfacility\]](#), [subscribe](#)
- ⇒ Advanced ML: flash simulation and other bleeding edge applications
 - ✓ [\[cn1-spoke2-wp2-flashsim\]](#), [subscribe](#)
- ⇒ Development of ultrafast algorithms running on FPGAs
 - ✓ [\[cn1-spoke2-wp2-fpga\]](#), [subscribe](#)

Please subscribe to the list that is relevant for the work you are doing in ICSC.



Upcoming events

- ⇒ Training opportunity on Leonardo, Oct 27th:
<https://eventi.cineca.it/en/hpc/introduction-leonardo-hpc-cluster-users-and-developers/bologna-20231027>
- ⇒ SOSC 2023 Fifth International School on Open Science Cloud (in collaboration with WP5), Oct 23rd: <https://agenda.infn.it/event/36074/>



Backup