



WP2.2 news

Piergiulio Lenzi, Alberto Annovi
23rd Sept 2025



Elba meeting

After considerable back and forth on the extent of the participation to the **5-8 Ottobre 2025 - ICSC Annual meeting** presso Hotel Hermitage, La Biodola, Isola D'Elba it was finally decided in favor of non-restricted participation.

Please register at <https://agenda.supercomputing-icsc.it/event/24/> until Fri 26th.



MS 10 reports

Overall progress in line with, and sometime beyond expectations.

Vast majority of the “main” KPIs achieved, few in progress with no reason for concern.

A very limited number of targets failed due to external factors (missing functionality in the procured hardware, open calls that did not materialize on the expected topic).

Full picture at [this link](#).



Main target for MS11

- ⇒ Finalize production of flashsim events for LHCb, which is already well advanced (UC2.2.1)
- ⇒ Provide metrics for the use, and possibly stress test of the high rate platform (UC2.2.2)
- ⇒ Development of triggers for AD using ALVEO/VERSAL cards (UC2.2.3)
- ⇒ Delivery of final note on ARM tests (UC2.2.5)



Upcoming deadlines/events

- Advanced course to FPGA programming
 - Registration deadline 30 Sept 2025
 - <https://agenda.infn.it/event/48014/>



Agenda for today

WP2 meeting



Tuesday 23 Sept 2025, 14:00 → 16:00 Europe/Rome

Description Zoom link: <https://cern.zoom.us/j/61596304322?pwd=NVNxMGJQZWp0LzdZUzNUWk1rbkVGdz09>

14:00 → 14:10 **News**

🕒 10m



Speakers: Alberto Annovi (Istituto Nazionale di Fisica Nucleare), Piergiulio Lenzi (Istituto Nazionale di Fisica Nucleare)

14:10 → 14:25 **Double Higgs cross section modeling by using machine learning tools**

🕒 15m



Speaker: Nicola De Filippis (Politecnico and INFN Bari)



Backup