

Actions on 8 June 2022

Attendees: Rui Coelho (RC), Bartek Palak (BP), Christoph Slaby (CS), Denis Kalupin (DK), Edilberto Sánchez (ES), Gilles Fourestey (GF), Gloria Falchetto (GLF), Lorenzo Frassinetti (LF)

Agenda

1. SPACK installation at the GW.

Summary

1. RC presented current status/progress of the SPACK installation at the GW done by CINECA. Very good progress made ensuring Intel 2021 + GNU 10.2 optimised for the GW hardware/software.
2. BP presented progress on the SPACK installation in view of IMAS installation, in particular on the fundamental IMAS dependencies. Learning curve is not painless and clearly evidences added value of cross fertilization with CINECA.
3. GF provided some indication on SPC routine experience with SPACK and own experience using CINECA provided SPACK stack.
4. Awareness of SPACK of GW users and danger of dissemination of new clones/parallel versions of the stack (raised by CS).
 - a. GUB should never endorse private installations of “system wide” general scientific software (competence of CINECA+ACH). Upstream sharing of the recipes is the only channel recommended.
5. SPACK as “blessing and a curse”: cloning as best option to grant agility before consolidating stack upstream.