

ChEESE

5th PEC

Online, July 19th, 2023, 10.30h

List of Attendees

PC	A. Folch (AF)
WP1	M.J. Garcia (MJG)
WP2	P. Lanucara (PL)
WP3	E. Raffin (ER)
WP4	C. Niethammer (CN)
WP5	V. Monteiller (VM)
WP6	T. Esposti-Ongaro (TEO)
WP7	MP. Baghetti (MPB)
PIM	-

Absent members: J. Farnos

MINUTES

General Items:

- WP7 new leader: Maria Paz Baghetti (BSC) replacing Rose Gregorio
- CASTIEL-2 to establish a Competence Centre and the so-called CoE Advisory Board (CAB). Now, they are asking each CoE to propose 1 or 2 members max. to be part of this structure. There will be a voting round and, at the end, only 4 members will be selected among all CoEs and 4 among NCCs will attend meetings (once every 3 months): TO and PL volunteered.

WP1. Project Management

MJG

- M6 Internal financial monitoring update: M1-M6 expenses should be reported, deadline for this is end of August
- D7.3 Collaboration Plan with Complementary Project (M6) has been uploaded into the Portal and wiki
- Collaboration Agreement with Castiel (and other CoEs) has not been signed (Milestone 9, Month 6). Waiting for CASTIEL-2 to elaborate a plan on this. EuroHPC is aware that this delays to M11-M12
- Grant Agreement (GA) amendment: documentation has been reviewed and approved. Our legal office (CSIC) has signed the amendment. Now the same has to be done by EuroHPC. Our PO replied to us saying she expects to finalize this before the summer
- Consortium Agreement (CA): v4 was sent on June 27
- Deliverable D1.2 (first DMP) ready for internal review. Due by M7 (delayed by 1M)
- Plan a second PSB meeting in September/October. We would like to take that chance to introduce our new Italian partner

WP2. Exascale technical challenges in flagship codes

GA (PL)

- Tasks T2.1, T2.2 and T2.3 ongoing (emphasis on T2.1)
- more updates expected for the 25th July WP2 telco. In particular:
 - T2.1 status
 - T2.2 "concrete" planning and effort
 - "cooperation" with WP3 (in particular for T3.1)
 - "cooperation" with WP7 (3 webinars in WP2 topics)

WP3. Co-design with European HPC vendors and technologies

ER

- T3.1 started at M6 but earlier in fact as some ChESEE-2P mini-apps have been created - we are currently gathering all mini-apps information and needs with regard to the EU pilots
- Discussion with WP2 on application audit and mini-apps
- Organization of a meeting dedicated to mini-app extraction in Sept.

WP4. Simulation ecosystem

CN

- Started activities in T4.1 around workflow analysis and optimization with SC6.1
- Ongoing efforts for code quality badges for T4.3. AF: CSIC will assist on this (Heribert Pascual)
- CI/CD first starting on EuroHPC systems; joint effort between T7.6 (Collaboration task with complementary projects) and T4.3 (Development, deployment and quality assessment tools). The pipeline for CI/CD of the T-HySEA code on the Vega system is already working. They (UMA) are willing to do a demo after the summer.
- Delay in EuroHPC system access/availability blocker for SC progress implementing and analyzing workflows on target systems - but not critical at the moment for D4.1 "Initial report on workflow setups and workflow auditing" (M18)
- Note: T4.2 "Lightweight performance analysis and optimization services for simulation ecosystem" not started yet (M24-M48) but if other WPs see upcoming special requirements in setting up SCs please get in touch to plan ahead

WP5. Farming Pilot Demonstrators

VM

- T5.1, presentation of each flagship code done during WP5 meeting: status, planned modifications. the presentations and roadmaps are collected in SACO repository (still missing for some flagship code)
- T5.2, start from M6.
- Next meeting September 13th :
 - Pilot demonstrators overview (T5.2)
 - TRL

WP6. SCs and service enabling using EuroHPC infrastructures (WP6 starts M13)

TEO

- They have been in contact with DG-ECHO. They are interested in some exercises and we should start some conversations after the summer to see if they could be involved in the discussion regarding urgent computing.

WP7. Dissemination, outreach and capacity building

MPB

- We are currently working on Deliverable 7.4 "Training plan". It has to be submitted at the end of August, however we want to have it ready the last week of July because in August many people go on holiday.
- During the last two months, 3 webinars were successfully held. The events are being recorded and published on our Youtube channel.

Action Items

Who	What
MJG, MPB	Organize the CI/CD internal demo
MJG	Contact CASTIEL-2 to present TEO and PL as cheese candidates for CAB