

ChEESE
3rd PEC meeting
April 4th, 2023, 11.15h
Online
List of Attendees

PC	A. Folch (AF)
WP1	-
WP2	P. Lanucara (PL)
WP3	E. Raffin (ER)
WP4	C. Niethammer (CN)
WP5	Nathalie Favretto-Cristini (NFC) replacing V. Monteiller
WP6	T. Esposti-Ongaro (TEO)
WP7	R. Gregorio (RG)

Absent members: Maria Jose Garcia, Vadim Monteiller

AGENDA

General Items:

- Jorn Dietze from CSC contacted us on behalf of the LUMI user support team (LUST) offering assistance on porting software to AMD GPUs. Wants to set up a meeting between task leaders (WP2?) and some of LUST team to discuss how to help us best.
- IUB: As a result of the experience in ChEESE 1-P we have selected a group of 10 organizations that will be involved in the exercises and a separate group of IUBs that will act as observer, this way will avoid paperwork.

WP1. Project Management

MJG

- D1.1 has been submitted and it has been also uploaded into the wiki.

- The Equality Committee will be chaired by Duo Li (LMU). The EC first meeting took place on Friday 31/03/2023. New members are still welcome. The minutes will also be made available (wiki).
- RG explains the meeting was a review of what was done previously in ChEESE 1P. No concrete steps were decided but some potential were discussed.
- AF: we will move forward with the modification of the GA. CA will be signed after this modification.

WP2. Exascale technical challenges in flagship codes

PL

- 2 telcos done to survey flagship codes.
- T2.1 code audit, planning of activities.
- Task performance portability started.
- Action: finalize the spreadsheet requested to initiate code audit.
- AF: Regarding T2.1, BSC will submit POP 3P proposal and he believes they will get the project which should start in January. If that happens we will have some support from them at some stage, but we should not wait to move forward.

WP3. Co-design with European HPC vendors and technologies

ER

- Already started with small effort on Task 3.1 Preparation of mini-apps in collaboration with WP2 - to anticipate D3.1.
- Preparation of a workshop on application profiling related to T3.2.
- Action: we need a repo for the mini-apps. AF: he will encourage mini-app developers to put them in a repo and do a collection of mini-apps.

WP4. Simulation ecosystem

CR

- 2 monthly telcos done.
- Online meeting "Introduction into the EOSC software badges" for ChEESE-2P took place to initiate work in T4.3.
- Submitted requested info about resource/CI/CD requirements to CASTIEL2 - now waiting on updates (AF just got survey report on CoE resource requests).
- Started collecting workflow descriptions for T4.1.
- AF asks if there is anything that needs to be corrected at this point. CR thinks we are on track at the moment.
- AF: At some point we will receive a large amount of resources and we need to agree on how to distribute the codes and the pilots. This belongs to WP1 but we will need to work together on how to better make this distribution. CR: Possibly we should set up a ticketing system. TEO: thinks it will be a very consuming part of the project.

He agrees we need to plan this efficiently to avoid conflict to access resources.

- AF shares the Special Access Scheme for Centers of Excellence to EuroHPC Machines document that he has just received from EuroHPC with PEC members to give them an idea.
- TEO: asks if we know already from Castiel if we will have a repository for deployment. AF: we still don't have any news on this.

WP5. Farming Pilot Demonstrators

NFC

- First online meeting 15 March to organize monthly meetings (monitoring and updates on each code) and sketch T5.1 roadmap.
- Second online meeting scheduled on 12 April (focus on the detailed presentation of each code and the associated roadmap).

WP6. SCs and service enabling using EuroHPC infrastructures

TEO

- Working to introduce a new Task or SubTask to implement interactive-computing in Urgent Computing exercises together with Cineca and E4. The idea is to complement the activities for urgent computing with interactive computing infrastructure developed by E4 that will help with carrying out the exercises in a later stage of the project.
- It would be interesting to (we will) look at and discuss the outcomes of the Castiel2 survey about requests related to production runs needs foreseen.

WP7. Dissemination, outreach and capacity building

RG

- 2 deliverables have been submitted: D7.1 Project website and D7.2 Communication and Dissemination Plan.
- The 1st ChEESE newsletter was sent last week.
- We have 6 press mentions so far (4 from Italian media).
- Registration is still open for our Galileo Conference. Please make sure to register soon.
- If we extend our registration deadline our plan is to also promote this event at the EGU General Assembly.

Action Items

Who	What
AF/PL	Will organize meeting with Jorn Dietze (CSC)
ALL	Share potential training sessions with RG, even if they are just internal so we can keep track
WP7	Will upload newsletters (PDFs) into ChEESE website