

ChEESE
Second PEC meeting
February 20th, 2023, 9.30h
Online

List of Attendees

PC	A. Folch (AF)
WP1	MJ Garcia (MJG)
WP2	Giorgio Amati (GA) replacing P. Lanucara (PL)
WP3	-
WP4	C. Niethammer (CN) J. Gracia (invited as CASTIEL-2 liaison officer)
WP5	V. Monteiller (VM)
WP6	T. Esposti-Ongaro (TEO)
WP7	-
PIM	Joan Farnos (BSC)

Absent members: R. Gregorio (RG), P. Lanucara (PL), E. Raffin (ER)

AGENDA

General Items:

- PEC meetings general procedures: AF describes the general objectives and procedures of the PEC meetings for the people who are not familiar.
- EuroHPC-SW (20-23 March, Goteborg): AF wants to know if any of the meeting attendees is attending the EHPCSW, but apparently not.

WP1. Project Management
MJG

- MJG gives an update of the pre-financial payment to partners. The first payment is already at CSIC and should be transferred to all partners in the next weeks.
- The 2 deliverables due by M2 are under revision.
- All mailing lists are operational.
- Next PEC meetings: a doodle will be sent for the next meeting, we will try to set a periodic slot afterwards, once the periodic WP meetings are established.
- Wiki still under construction. AF asks to add a WP, a Task and a Code entry and mailing list subscription.
- Management of computational resources (T1.4): AF explains that CASTIEL-2 wants our planning of computational resources by March 10th. We will call for a general informative meeting (7th March/morning) of resources and CI/CD with all the code developers. GA suggests doing a questionnaire in advance. AF points out that, as discussed in the KoM, we cannot deploy all the applications in all the systems (partitions) but each code should target one or two machines and progress from there. TEO thinks is best to make a general call for a meeting rather than targeting specific people since it has an impact in most WPs. GA thinks that best practice would be to have a questionnaire before the meeting.
- Equality committee (T1.3). Final composition and activities: we have 4 or 5 people and we are waiting to hear from LMU since they need to provide a name.

WP2. Exascale technical challenges in flagship codes

GA

- First WP2 meeting planned for 28/2/2023.
- Code audit strategy will be decided during that first WP2 meeting.
- AF explains that in ChESEE-1P the initial code development planning (roadmap document) was efficient. GA replies that they also have the idea to create a roadmap and share with everyone.
- AF suggests WP4 colleagues attend WP2 meetings since both WPs will take care of the preparation of the codes and auditing so the interaction of both WPs should be there from the beginning.

WP4. Simulation ecosystem

CN

- JG presents the CASTIEL-2 meetings results on CI/CD and access to resources:

- EuroHPC access modes. Special access mode enabled to CoEs, we need to specify the requirements.
- CI/CD strategy.
- AF suggests GA to talk about this during WP2 meetings. He thinks that since most machines are already accelerated the should assign non-accelerated codes to general purpose machines and do the CI/CD in the Tier-0 more accelerated machines.
- JG thinks WP2/WP4 should create an integrated questionnaire rather than two separate ones.
- EuroHPC suggests to have a GitLab repository hosted by CASTIEL where we will submit our codes and will drive GitLab runners in all machines. AF asks if this will be done across all CoEs and JG answers each CoE will have to implement their own runner(s).
- EC expects to start slowly with one or two codes. We don't have to provide the full matrix from the beginning. We will have to report periodically how the CI is going at different points.
- AF: asks if each code developer should have an account. JG says it won't probably be like that. There is still discussions about access.
- CN: He is afraid the joint access application will be given too late. JG says one we have collected the requirements access should be approved relatively fast.
- AF: He is concern about deliverable M6 (collaboration plan). JG clarifies the deliverable in M6 is just to sign an agreement with CASTIEL and in M12 we have to submit a report about CI and activities. By that time, we should have a code running in a CI pipeline.
- EOSC-synergy code badge strategy (as part of T4.3): AF will talk about that in the upcoming meeting. We will ask a badge for each code before starting the CI strategy. To get this badge one needs a GitLab/GitHub repository and verify certain (general) software quality standards. Once a code will have a badge, it will be allowed to move forward with the integration with EuroHPC.
- AF comments on the EOSC-Q project proposal (second part of EOSC-synergy, in preparation and lead by CSIC).
- He thinks there will be room to collaborate on software quality strategy.
- First WP4 meeting will take place February 22nd.

WP5. Farming Pilot Demonstrators

VM

- They are working on defining first meeting date.
- They will start working on defining a strategy. VM will ask each developer to provide a work plan.
- AF suggests to work on a roadmap for each pilot just like it was done in ChEESE-1P.

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

TEO

- AF considers that even though the work of WP6 has not started yet their work is critical when it comes to assessing the resources.
- CN suggests to add the urgent access mode as a separate field in the survey.

WP7. Dissemination, outreach and capacity building

- The Galileo Conference programme committee are now discussing the acceptance of abstracts and we will send the letter of acceptance on 1 March 2023.
- There are still slots for the Master Classes (https://egu-galileo.eu/gc11-solidearth/programme/master_classes.html). Even though the deadline has passed, we will still be able to accept applications. Please encourage your group members to apply.
- We have already been included in the Castiel-2 mailing lists: WP3 - Training, Twinning, Mentoring, WP4 - NCCs, CoEs and Industry, WP5 - Interactions Awareness, Impact and Outreach. We will be active in collaborating with them.
- A press release about the beginning of ChEESE 2 was launched in January.
- The ChEESE 2 website has already been submitted for internal review. It is ready to go live in March
- Task 7.3 (training). Proposal for a joint training eFlows4HPC-DT-GEO-ChEESE (ETH?).
- JF: Task 7.4 (community building). Signature of NDAs with selected IUBs. Contact the PD leaders to select the relevant IUBs. TO proposes 2-3 groups of IUBs, only "premium" ones sign NDA, and "observers" will be informed at the mid-term/end meetings without commitment in exercises.

Action Items

Who	What
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MJG	Wiki: WP entries, mailing lists and entries for each WP
MJG	Send document to PSB to prioritize IUB members
AF	general call for CI/CD and allocation of computational resources
VV	Newsletter
MJG	Will send doodle for next PEC meetings