

Virtual Meeting – March 10, 2025

TSVV1 “L-/H-transition and pedestal physics” – Regular Meeting

TSVV1 team



This work has been carried out within the framework of the EUROfusion Consortium, funded by the European Union via the Euratom Research and Training Programme (Grant Agreement No 101052200 – EUROfusion). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the European Commission can be held responsible for them.





Agenda

- **EUROfusion/E-TASC**
 - Upcoming DSD-TSVV JourFixe
 - Past DSD-TSVV meeting on HPC issues
- **HPC 8th / 9th cycle resource status**
- **Round table**
- **Next meeting(s)**





EUROfusion / E-TASC news

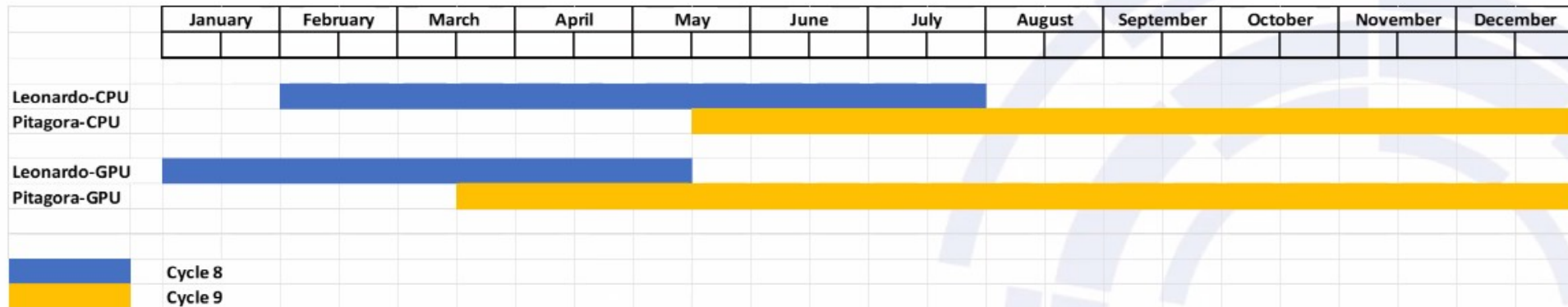
- **Upcoming DSD-TSVV JourFixe (Mar 11)**
 - Any issues to be forwarded?
- **Past DSD-TSVV meeting on HPC issues (Feb 25)**
 - Pitagora delayed by two weeks, i.e.
 - GPU ~ end of March
 - CPU ~ end of May
- **E-TASC SB meeting this week (w/o TSVV PIs): future planning**
- **Reminder – input E. Solano Annual Workshop 2024:**
 - JET L-H transitions w/o Er evolution
 - Try power ramps with diamagnetic equilibrium instead of paramagnetic one
→ fluid or JINTRAC/TGLF-modeling?



Marconi usage

- **Marconi/Leonardo 8th cycle (Mar 1, 2024 – May 15/July 31, 2025)**
 - CPU-A3 partition (~19.5 Mcore-h Leonardo): ~77% (should be ~375/518~72%)
 - GPU partition: ~62% (should be ~375/441~85%)
- **Pitagora 9th cycle (~Apr 1, 2025 – Feb 28, 2026)**
 - CPU partition: 367 500 node hours from 15th May 2025 (more likely end of May)
 - GPU partition: 240 000 node hours from 1st April 2025

Assumption: 2 months overlap between old and new partitions





Round table

- **Scientific / organizational updates?**

- **CCFE:** B.F. McMillan, [*B. Chapman*]
- **CEA:** R. Eller-Düll, P. Donnel, G. Dif-Pradialier, Y. Sarazin, L. Vermare, [*R. Varennes*]
- **DIFFER:** A. Chandrarajan Jayalekshmi, T. Jitsuk, [*M.J. Pueschel*]
- **EPFL-SPC:** B. De Lucca, G. Di Giannatale, O. Anuaruly, [*J.R. Ball, S. Brunner, P. Ricci, L. Villard*]
- **MPG:** M. Bergmann, M. Dicorato, T. Görler, F. Sheffield, P. Ulbl, W. Zholobenko [*F. Jenko*]





Thank you for your participation!

- **Next meetings (usually 2nd Monday of the month):**
 - Mon, Apr 14, 2025, 2pm CET
- Annual progress workshop to be organized in Q3/Q4
- **Overview over all tentative meetings:**
<https://indico.euro-fusion.org/category/274/>



Appendix





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 - Third level

