



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

Virtual Meeting
June 13, 2022



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- E-TASC/EUROfusion updates:
 - Upcoming E-TASC thrust 1 meeting
 - JET pedestal TF need for GK modeling
- Marconi allocation
- Progress workshop 2022
- Round-table with your feedback, e.g., regarding progress, problems, necessary infrastructure etc



- **Upcoming E-TASC thrust 1 meeting:**
 - TSVV 1,3,4 PIs are asked to provide project updates – would be great to have access to recently presented slides (if not yet uploaded to indico)
- **JET pedestal task force expresses need for GK modeling:**
 - **Effects of impurities (Neon, Carbon) in D plasmas (no one working)**
 - **Isotope effect (Ben Chapman, I. Predebon but more needed)**
 - M21-06: Gyrokinetic effect of impurity w/o pellets (neon)
 - M18-16: Gyrokinetic effect of impurity (Carbon)
 - M18-01: Unseeded/Ne-seeded comparison.
 - M21-03: D/DT - effect on main gas & impurity pedestal dens. evolution (source, transport).
 - M18-01: Pellet vs gas fuelling. Effect of fuelling scheme on density evolution, pedestal stability, transport and impurity flushing.
 - M18-19: NL GK of the edge pedestal for H, D, T H-mode plasmas



Marconi usage 6th cycle (Mar 2022 to Feb 2023):

CPU partition A3: ~29.4% (should be ~29.2%)

GPU partition C1: ~17% (should be ~29.2%)

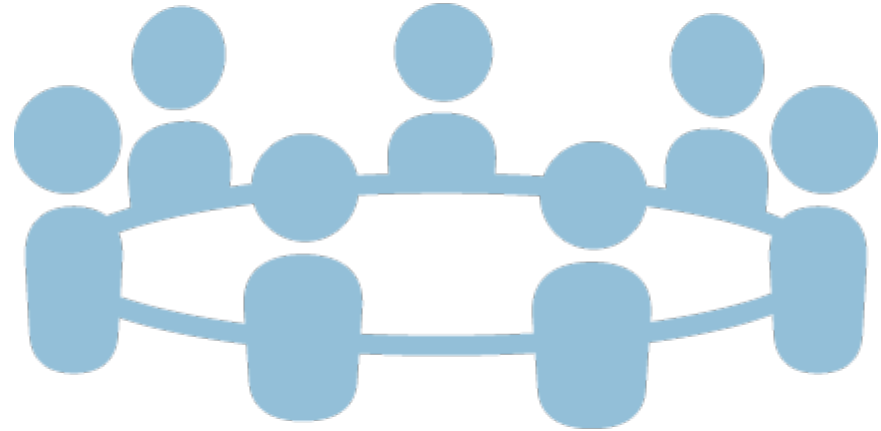
Please don't wait for the end of the cycle!



- **Thanks for participating in the poll!**
- **Tentative period after checking local availability and SB meetings:**
 - **Mon-Wed, Sep 26-28, 2022**
(reduction to 2 days with tighter schedule if desired?)
 - **planned as hybrid meeting at IPP Garching (with recommendation to participate in person)**



- **Scientific / organizational updates?**



- **CCFE:** B.F. McMillan, [*B. Chapman*]
- **CEA:** P. Donnel, G. Falchetto, R. Varennes, L. Vermare, X. Garbet
- **DIFFER:** M. Hamed, G. Snoep, [*J. Citrin, M.J. Pueschel*]
- **EPFL-SPC:** G. Di Giannatale, A. Volcokas, K. Lim [*J.R. Ball, S. Brunner, P. Ricci, L. Villard*]
- **MPG:** A. Bergmann, T. Luda di Cortemiglia, L. Leppin, T. Görler [*C. Angioni, N. Bonanomi, F. Jenko*]

Thank you for your participation!



- **Proposal next meeting:
Mon, July 18, 2pm CEST
(IPP team members are unable to participate on July 11th)**
- **Overview over all meetings:
<https://indico.euro-fusion.org/category/274/>**