

Recent activities of the ET E-Infrastructure Board

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On behalf of the E-Infrastructure Board



ET monthly meeting

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The E-Infrastructure Board (EIB)

- **Mandate:** "...to design, create and operate an evolving, efficient and functional e-infrastructure environment at a reasonable cost for the collaboration. Initially the focus will be the development of a Computing Model for the ET."
 - Prepare a plan of the studies and activities that need to be undertaken for the development of the ET computing
 - Propose a computing model and its updates to the collaboration
- The EIB is chaired by **Stefano Bagnasco and Patrice Verdier**

- **EIB open task list**
 - EIB is actively searching for additional person-power; many important activities are uncovered
 - The different divisions have recently prepared + presented lists of short-term open tasks
 - The compiled list will be presented at next week's CB meeting, as a call for RU involvement
- Please get in touch with the EIB and/or division chairs if you want to contribute!

Support for the first Mock Data Challenge (MDC)

- Input data distribution ✓
 - Use **Open Science Data Federation** (previously known as StashCache) infrastructure + CVMFS tools from OSG (same as LVK)
 - Installed ET-dedicated OSDF Origin server in UCLouvain to host the data
 - Close contact with OSB Div10 to produce the data and transfer them to Louvain server
 - Data starting to appear in CVMFS: `/cvmfs/et-gw.osgstorage.org/et-gw/PUBLIC/MDC1/`
 - Data are publicly accessible
 - Documentation for users on how to access the data will soon be added to a wiki
 - Instructions will also be provided on how to access the data without CVMFS
- Computing resources ?
 - Not yet clear whether any resources need to be provided for the first MDC
 - In case of need, some resources have been secured at INFN-CNAF

Other division activities

- **Div2: services and collaboration support** [Antonella Bozzi]
 - So far, main focus was the successful deployment of the ET member database (ETMD)
 - Now evaluating proposals for identity and access management (IAM)
 - IAM defines who has access to specific resources/data/etc
- **Div3: computing and data model, resource estimation** [Gonzalo Merino]
 - Key to planning the future of the ET EIB; lots of cross-talk with ET-PP (next slide)
 - Work is starting on evaluation of the resource requirements for ET
- **Div4: multimessenger alerts and low-latency infrastructure** [Steven Schramm]
 - Division activities so far have focused on establishing our role within international networks
 - Recent efforts include INFRA-TECH (M2Tech), INFRA-SERV (ACME), and other consortia
 - Plan to start more concrete activities (evaluating infrastructure, etc) soon
- **TTWG: Technology tracking working group** [Sara Vallero]
 - Transversal effort to ensure the EIB keeps up-to-date on latest technological advances
 - Planning to organise ~monthly seminars, inviting key external experts to present

Other EIB activities

- ET Preparatory Phase INFRA-DEV (ET-PP)
 - ET-PP WP8 focuses on computing, led by Achim Stahl + Sergi Girona + Nadia Tonello
 - Hired a new system engineer: Alba Gonzalvez, at the Barcelona Supercomputing Centre
 - Hiring process for a second position, at the University of Geneva, is concluding
 - Close cooperation with the EIB, especially on resource estimation (Div3)
 - Work towards the first deliverable, requirements for computing + data model, has begun
- Product Breakdown Structure (PBS)
 - Work is ongoing, led by Patrice Verdier, towards establishing the EIB PBS
 - Had PBS in mind when designing EIB: expect PBS to generally map to division structure
 - A couple of proposals are being prepared for next week's PBS meeting

- The next EIB workshop will take place soon
 - Dates: **March 9 at 12h00 to March 10 at 12h00**
 - Location: Aachen, kindly hosted by **Achim Stahl** (ET-PP WP8 leader)
 - Remote connection will be possible, but in-person participation is strongly encouraged
 - Great opportunity for new people to learn what is going on and get involved!
- We hope to see many of you there!