Belle II Computing Developments in Germany

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Situation in Germany

- personal resources
  - Institutes: 12
  - PhDs: about 60
- computing resources
  - Sites: 3 (2 RAW data sites)
  - opportunistic resources: 6 clusters
  - National Analysis Facility at DESY for end-user analyses
- complex funding by multiple funding agencies/project

About these Meetings

- nonbinding look into Belle II computing development
- incubator for computing development projects for Belle II
- discuss challenges and possible improvements
- find partner
    - work together
    - benchmarks and tests
    - funding

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- further meetings
  - general meetings
    - update about current developments
    - small presentations
    - forum for discussion
    - about two times a year (hybrid/virtual)
    - connect to another meeting, e.g., ErUM-Data
  - working groups
    - small groups working on a project
    - meet more often
    - cross-locational

Organization

- organizer
    - Matthias J. Schnepf
    - plan and coordinate meetings
    - report to general Belle II distributed computing meeting
- indico page
    - https://indico.belle2.org/event/5655/
    - public
        - publicity
        - would you mind not showing unpublished physic results
    - can also be used for working group meetings
- E-Mail
    - announcements of further meetings via b2mms-germany@belle2.org
    - maybe later an extra mailing list

Current Projects

- gbasf2 (see talk from Michel)
- various computing developments at KIT (see next talk)
- Luigi based workflow management
    - b2luigi used by Belle II
    - law used by CMS and others
    - meetings to combine both frameworks https://indico.cern.ch/event/1102748/
- various caching projects in Germany
    - Munich
    - Freiburg
    - Karlsruhe

Backup