Consideration of Working Packages for Upcoming Collaboration Agreement
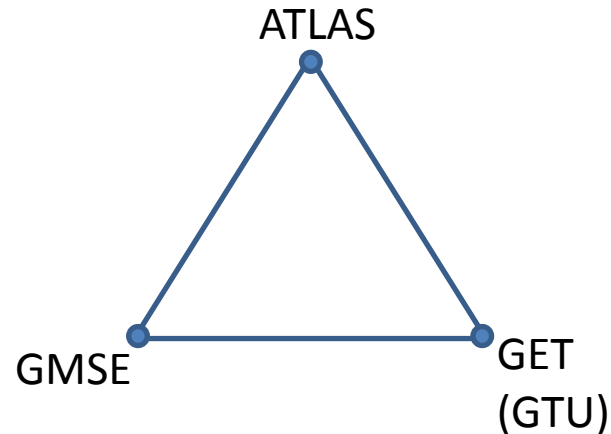
Alexander Sharmazanashvili @ Georgian Team

15 July, 2014

Agreement AA366/10

- Agreement AA366/10 was signed in 2010

ATLAS

GMSE

GET
(GTU)

Agreement AA366/10

- Triangular benefits:
  - ATLAS: getting free manpower
  - GMSE: improving curricula for high education
  - GET: growing capacity in research and engineering
- GET executing 3 main working packages for ATLAS
- GET employ 2FTE per working package, 6 FTE in total
- GMSE pay salaries for 6FTE in Georgia – 86'400GEL/year
- ATLAS pay 1FTE subsistence at CERN for project coordination – 61'920CHF/year
- GMSE paid 2 training programs at CERN:
  - 2012 – 9'000GEL
  - 2014 – 22'000GEL

Agreement AA366/10

- Project Coordinator duties:

  1. Identification of tasks for working packages

  2. Scheduling and distribution of tasks to manpower in Georgia

  3. Control and management of tasks execution

  4. Delivery results to ATLAS

  5. Representation of Working Packages status on ATLAS events

  6. Responsible for quality of results

Agreement AA366/10

- GET is voting for continuation of agreement

- GET has clear vision about new challenges in research and engineering

- GET preparing new education program for the installation at Georgian Technical University (GTU)

- GMSE has got positive feedback after the visit of Minister T.Sanikidze at CERN in June, 2014

- GMSE express readiness for continuation of funding GET manpower situated in Georgia

- GMSE agrees with funding rate 1WP=2FTE and ready for growing funding more then 6FTE in case if WP number will arise

Upcoming Working Packages

WP1: Checking G4 baseline geometry for Integration conflicts and Conformity with as-built geometry

WP2: Adding New volumes in G4 baseline geometry

WP3: Development of COOL Tag Browser software tool for ATLAS Oracle database

Agreement AA366/10

Possible extentions:

WP4: Development of entire 3D model of ATLAS
        Detector in SmarTeam database and for other
        resources – Web, pdf, etc.
        http://www.cadcam.ge/3dpdf/site01/

WP5: Development of VP1 event visualization
        Display

WP6: from ATLAS TCn

Thanks for the Attention

Lasha.Sharmazanashvili@cern.ch

www.cadcam.ge