

Geant4 Physics Verification and Validation

Report of Contributions

Contribution ID: 12

Type: **not specified**

Lowest energy ($E < 170$ MeV)

Tuesday 18 July 2006 11:00 (1h 30m)

Session Classification: Hadronic verification & validation

Contribution ID: 13

Type: **not specified**

Intermediate energies ($170 \text{ MeV} < E < 20.0 \text{ GeV}$) - part 1

Tuesday 18 July 2006 14:00 (1h 30m)

Session Classification: Hadronic verification & validation

Contribution ID: 14

Type: **not specified**

Shower evolution and other data

Wednesday 19 July 2006 09:30 (1h 10m)

Session Classification: Hadronic verification & validation

Contribution ID: **16**

Type: **not specified**

Neutrons

Wednesday 19 July 2006 11:10 (1h 15m)

Session Classification: Hadronic verification & validation

Contribution ID: 17

Type: **not specified**

High energy models ($E > 20$ GeV)

Wednesday 19 July 2006 14:00 (55 minutes)

Session Classification: Hadronic verification & validation

Contribution ID: **18**

Type: **not specified**

Special topics

Wednesday 19 July 2006 15:40 (1h 15m)

Session Classification: Hadronic verification & validation

Contribution ID: **19**

Type: **not specified**

Intermediate energies ($170 \text{ MeV} < E < 20.0 \text{ GeV}$) - part 2

Tuesday 18 July 2006 16:00 (1h 50m)

Session Classification: Hadronic verification & validation

Contribution ID: 20

Type: **not specified**

MUSCAT validation of Geant4

Monday 17 July 2006 14:00 (30 minutes)

Presenter: ELLIS, Malcolm

Session Classification: Experiment validation

Contribution ID: 21

Type: **not specified**

ATLAS HEC test-beam validation of Geant4

Monday 17 July 2006 15:45 (30 minutes)

Presenter: KIRYUNIN, Andrei

Session Classification: Experiment validation

Contribution ID: 22

Type: **not specified**

Geant4 validation with ATLAS calorimeter test-beams

Monday 17 July 2006 14:30 (45 minutes)

Presenter: CARLI, Tancredi

Session Classification: Experiment validation

Contribution ID: 23

Type: **not specified**

CMS HCAL test-beam validation of Geant4

Monday 17 July 2006 16:15 (30 minutes)

Presenter: PIPEROV, Stefan

Session Classification: Experiment validation

Contribution ID: 24

Type: **not specified**

Results from the recent carbon test beams at HIMAC

Monday 17 July 2006 16:45 (20 minutes)

Presenter: Mr MURAKAMI, Koichi (KEK)

Session Classification: Experiment validation

Contribution ID: 25

Type: **not specified**

Recent validation results for EM standard

Tuesday 18 July 2006 09:30 (20 minutes)

Presenter: Prof. IVANCHENKO, Vladimir (CERN)

Session Classification: EM physics verification validation

Contribution ID: 26

Type: **not specified**

Comparison of G4 EM models with SANDIA data

Tuesday 18 July 2006 09:55 (15 minutes)

Presenter: KADRI, Omrane (CNSTN)

Session Classification: EM physics verification validation

Contribution ID: 27

Type: **not specified**

Status of validations in the LowEnergy EM and Advance Example groups

Tuesday 18 July 2006 10:10 (20 minutes)

Presenter: Prof. PIA, Maria Grazia (INFN, Genova)

Session Classification: EM physics verification validation

Contribution ID: 28

Type: **not specified**

Geant4 Simulation for E166 Experiment at SLAC

Tuesday 18 July 2006 09:50 (5 minutes)

Presenter: Dr SCHAELICKE, Andreas (DESY)

Session Classification: EM physics verification validation