

Software TIM in Glasgow



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Tuesday 7 June 2016 09:00 (5 minutes)

Scope of this session

Status & goals

Summary

Presenters: SALZBURGER, Andreas (CERN); MOYSE, Edward (University of Massachusetts (US))

Session Classification: Algorithmic Code

Contribution ID: 2

Type: **not specified**

Discussion

Tuesday 7 June 2016 09:20 (10 minutes)

Session Classification: Algorithmic Code

Contribution ID: 3

Type: **not specified**

System Software Review Status

Tuesday 7 June 2016 09:30 (15 minutes)

What has been learned so far from the System Software Review

Summary

Presenter: STEWART, Graeme (University of Glasgow (GB))

Session Classification: Algorithmic Code

Contribution ID: 4

Type: **not specified**

Discussion

Tuesday 7 June 2016 09:45 (10 minutes)

Session Classification: Algorithmic Code

Contribution ID: 5

Type: **not specified**

SW Evolution - Tracking: ACTS

Tuesday 7 June 2016 09:55 (20 minutes)

The tracking ACTS project & preparation for the future

Summary

Presenters: SALZBURGER, Andreas (CERN); GUMPERT, Christian (CERN)

Session Classification: Algorithmic Code

Contribution ID: 6

Type: **not specified**

Discussion

Tuesday 7 June 2016 10:15 (15 minutes)

Session Classification: Algorithmic Code

Contribution ID: 7

Type: **not specified**

Registration

Monday 6 June 2016 08:30 (30 minutes)

Contribution ID: 8

Type: **not specified**

ROOT - Plans towards Run 3

Monday 6 June 2016 13:30 (35 minutes)

Presenter: NAUMANN, Axel (CERN)

Session Classification: Outside ATLAS

Contribution ID: 9

Type: **not specified**

LHCb - Software Evolution

Monday 6 June 2016 14:05 (35 minutes)

Presenter: CLEMENCIC, Marco (CERN)

Session Classification: Outside ATLAS

Contribution ID: **10**

Type: **not specified**

CMS - Software Evolution

Monday 6 June 2016 14:40 (35 minutes)

Presenter: LANGE, David (Princeton University (US))

Session Classification: Outside ATLAS

Contribution ID: **11**

Type: **not specified**

Bonus Discussion

Monday 6 June 2016 15:15 (15 minutes)

Session Classification: Outside ATLAS

Contribution ID: 12

Type: **not specified**

Reentrant Algorithms

Monday 6 June 2016 09:15 (45 minutes)

Presenters: LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); SNYDER, Scott (Brookhaven National Laboratory (US))

Session Classification: Core Software and Framework

Contribution ID: **13**

Type: **not specified**

Incidents

Monday 6 June 2016 10:00 (30 minutes)

Presenter: KAMA, Sami (Southern Methodist University (US))

Session Classification: Core Software and Framework

Contribution ID: **14**

Type: **not specified**

Conditions data access in MT

Monday 6 June 2016 11:00 (30 minutes)

Presenter: LEGGETT, Charles (Lawrence Berkeley National Lab. (US))

Session Classification: Core Software and Framework

Contribution ID: 15

Type: **not specified**

Experience with migration of conditions clients

Monday 6 June 2016 11:30 (30 minutes)

Summary

Presenters: MITREVSKI, Jovan (Ludwig-Maximilians-Univ. Muenchen (DE)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Session Classification: Core Software and Framework

Contribution ID: **16**

Type: **not specified**

Handling of alignments in AthenaMT

Monday 6 June 2016 12:00 (20 minutes)

Summary

Presenter: TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Session Classification: Core Software and Framework

Contribution ID: 17

Type: **not specified**

Moving towards Continuous Integration

Wednesday 8 June 2016 11:00 (20 minutes)

Presenter: UNDRUS, Alexander (Brookhaven National Laboratory (US))

Session Classification: Tools and Infrastructure

Contribution ID: **18**

Type: **not specified**

ARM & CMake: Porting to Other Platforms

Tuesday 7 June 2016 13:30 (20 minutes)

Summary

Presenter: SMITH, Joshua Wyatt (Georg-August-Universitaet Goettingen (DE))

Session Classification: Algorithmic Code

Contribution ID: **19**

Type: **not specified**

Digitization and MT

Tuesday 7 June 2016 14:00 (40 minutes)

Presenters: BERTRAM, Iain (Lancaster University (GB)); CHAPMAN, John Derek (University of Cambridge (GB))

Session Classification: Algorithmic Code

Contribution ID: 20

Type: **not specified**

Geant4 Plans

Tuesday 7 June 2016 14:55 (20 minutes)

Presenters: APOSTOLAKIS, John (CERN); APOSTOLAKIS, John (CERN)

Session Classification: Algorithmic Code

Contribution ID: 21

Type: **not specified**

Geant4 MT in ATLAS

Tuesday 7 June 2016 16:00 (25 minutes)

Presenters: FARRELL, Steven Andrew (University of California-Unknown-Unknown); FARRELL, Steven Andrew (Lawrence Berkeley National Lab. (US))

Session Classification: Algorithmic Code

Contribution ID: 22

Type: **not specified**

GeantV Possibilities

Tuesday 7 June 2016 16:40 (15 minutes)

Presenters: APOSTOLAKIS, John (CERN); APOSTOLAKIS, John (CERN)

Session Classification: Algorithmic Code

Contribution ID: 23

Type: **not specified**

Other Items

Tuesday 7 June 2016 17:05 (15 minutes)

Reproducibility issues, fast simulation in MT

Presenters: HAAS, Andrew (New York University); MARSHALL, Zachary Louis (Lawrence Berkeley National Lab. (US))

Session Classification: Algorithmic Code

Contribution ID: 24

Type: **not specified**

Making best use of CMake

Wednesday 8 June 2016 11:20 (20 minutes)

Presenter: KRASZNAHORKAY, Attila (CERN)

Session Classification: Tools and Infrastructure

Contribution ID: 25

Type: **not specified**

GIT workflow for ATLAS offline

Wednesday 8 June 2016 11:40 (20 minutes)

Presenter: MOYSE, Edward (University of Massachusetts (US))

Session Classification: Tools and Infrastructure

Contribution ID: 26

Type: **not specified**

GitLab and git workflows: experience from the ACTS project

Wednesday 8 June 2016 12:00 (20 minutes)

Presenter: GUMPERT, Christian (CERN)

Session Classification: Tools and Infrastructure

Contribution ID: 27

Type: **not specified**

Views and Scheduler

Monday 6 June 2016 16:20 (20 minutes)

Presenter: WYNNE, Benjamin Michael (University of Edinburgh (GB))

Session Classification: Core Software and Framework

Contribution ID: 28

Type: **not specified**

Trigger implementation in athenaMT

Monday 6 June 2016 16:00 (20 minutes)

Presenter: BOLD, Tomasz (AGH Univ. of Science and Technology, Krakow)

Session Classification: Core Software and Framework

Contribution ID: 29

Type: **not specified**

Next steps for Scheduler & Views: Discussion

Monday 6 June 2016 16:40 (10 minutes)

Session Classification: Core Software and Framework

Contribution ID: **30**

Type: **not specified**

Data access - IDC & views: Discussion

Monday 6 June 2016 17:10 (20 minutes)

Session Classification: Core Software and Framework

Contribution ID: **31**

Type: **not specified**

Common Trigger & Offline Monitoring

Monday 6 June 2016 16:50 (20 minutes)

Presenter: BOLD, Tomasz (AGH Univ. of Science and Technology, Krakow)

Session Classification: Core Software and Framework

Contribution ID: 32

Type: **not specified**

Introduction and report

Wednesday 8 June 2016 09:00 (15 minutes)

Presenter: ROE, Shaun (CERN)

Session Classification: Tools and Infrastructure

Contribution ID: 33

Type: **not specified**

First Experiences with Google Mock Testing

Wednesday 8 June 2016 09:30 (15 minutes)

Presenter: SHERWOOD, Peter (University College London (UK))

Session Classification: Tools and Infrastructure

Contribution ID: 34

Type: **not specified**

Testing in the Simulation Code

Wednesday 8 June 2016 09:45 (15 minutes)

Presenter: RITSCH, Elmar (CERN)

Session Classification: Tools and Infrastructure

Contribution ID: 35

Type: **not specified**

Testing in Analysis Code

Wednesday 8 June 2016 10:00 (15 minutes)

Presenter: KRUMNACK, Nils Erik (Iowa State University (US))

Session Classification: Tools and Infrastructure

Contribution ID: 36

Type: **not specified**

Summary and Planning

Presenter: KLUTH, Stefan (Max-Planck-Institut fuer Physik (Werner-Heisenberg-Institut) (D))

Session Classification: Tools and Infrastructure

Contribution ID: 37

Type: **not specified**

Guided Discussion: Summary and Planning

Wednesday 8 June 2016 10:15 (15 minutes)

Summary

Presenter: KLUTH, Stefan (Max-Planck-Institut fuer Physik (Werner-Heisenberg-Institut) (D))

Session Classification: Tools and Infrastructure

Contribution ID: **38**

Type: **not specified**

SW Evolution: Configuration

Tuesday 7 June 2016 11:40 (20 minutes)

Presenter: LAMPL, Walter (University of Arizona (US))

Session Classification: Algorithmic Code

Contribution ID: 39

Type: **not specified**

Discussion

Tuesday 7 June 2016 11:25 (15 minutes)

Session Classification: Algorithmic Code

Contribution ID: 40

Type: **not specified**

SW Evolution: Experience migrating ID algorithms to AthenaMT

Tuesday 7 June 2016 11:00 (25 minutes)

Presenter: BARTON, Adam Edward (Lancaster University (GB))

Session Classification: Algorithmic Code

Contribution ID: **41**

Type: **not specified**

Discussion

Tuesday 7 June 2016 12:00 (10 minutes)

Session Classification: Algorithmic Code

Contribution ID: 42

Type: **not specified**

Technical performance of ATLAS workflows

Wednesday 8 June 2016 09:15 (15 minutes)

Presenter: LIMOSANI, Antonio (University of Sydney (AU))

Session Classification: Tools and Infrastructure

Contribution ID: 43

Type: **not specified**

Welcome

Monday 6 June 2016 09:00 (7 minutes)

Presenter: STEWART, Graeme (University of Glasgow (GB))

Session Classification: Welcome

Contribution ID: 44

Type: **not specified**

Workshop Goals

Monday 6 June 2016 09:07 (7 minutes)

Presenter: LAMPL, Walter (University of Arizona (US))

Session Classification: Welcome

Contribution ID: 45

Type: **not specified**

Registration

Tuesday 7 June 2016 08:30 (30 minutes)

Contribution ID: 46

Type: **not specified**

Software Licensing Discussion

Wednesday 8 June 2016 13:30 (20 minutes)

Presenter: STEWART, Graeme (University of Glasgow (GB))

Contribution ID: 47

Type: **not specified**

Hackathon - Cyclomatic Complexity

Wednesday 8 June 2016 13:50 (3h 40m)

Presenter: ROE, Shaun (CERN)

Contribution ID: 48

Type: **not specified**

Hackathon - Algorithmic Migration

Wednesday 8 June 2016 13:50 (3h 40m)

Presenters: LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); BAINES, John (STFC - Rutherford Appleton Lab. (GB)); SNYDER, Scott (Brookhaven National Laboratory (US)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Contribution ID: 49

Type: **not specified**

Hackathon - Algorithmic Migration

Thursday 9 June 2016 09:00 (3h 30m)

Presenters: LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); BAINES, John (STFC - Rutherford Appleton Lab. (GB)); SNYDER, Scott (Brookhaven National Laboratory (US)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Contribution ID: 50

Type: **not specified**

Hackathon - Google Test

Thursday 9 June 2016 09:00 (3h 30m)

Presenter: KLUTH, Stefan (Max-Planck-Institut fuer Physik (Werner-Heisenberg-Institut) (D))

Contribution ID: 51

Type: **not specified**

Hackathon - Digitisation

Thursday 9 June 2016 09:00 (3h 30m)

Presenters: CHAPMAN, John Derek (University of Cambridge (GB)); MARSHALL, Zachary Louis (Lawrence Berkeley National Lab. (US))

Contribution ID: 52

Type: **not specified**

Hackathon - Conditions

Thursday 9 June 2016 13:30 (4 hours)

Presenters: LEGGETT, Charles (Lawrence Berkeley National Lab. (US)); SNYDER, Scott (Brookhaven National Laboratory (US)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Contribution ID: 53

Type: **not specified**

Hackathon - Google Test

Thursday 9 June 2016 13:30 (4 hours)

Presenter: KLUTH, Stefan (Max-Planck-Institut fuer Physik (Werner-Heisenberg-Institut) (D))

Contribution ID: 54

Type: **not specified**

Hackathon - ACTS

Thursday 9 June 2016 13:30 (4 hours)

Presenters: SALZBURGER, Andreas (CERN); GUMPERT, Christian (CERN)

Contribution ID: 55

Type: **not specified**

Hackathon - Trigger Demonstrator

Friday 10 June 2016 09:00 (3 hours)

Presenters: BAINES, John (STFC - Rutherford Appleton Lab. (GB)); GEORGE, Simon (Royal Holloway, University of London)

Contribution ID: 56

Type: **not specified**

Hackathon - git workflows

Friday 10 June 2016 09:00 (3 hours)

Summary

Presenters: MOYSE, Edward (University of Massachusetts (US)); RITSCH, Elmar (CERN); OBRESHKOV, Emil (University of Texas at Arlington (US)); WINKLMEIER, Frank (University of Oregon (US)); GAYCKEN, Goetz (Universitaet Bonn (DE)); STEWART, Graeme (University of Glasgow (GB))

Contribution ID: 57

Type: **not specified**

Hackathon - Job Configuration

Friday 10 June 2016 09:00 (3 hours)

Presenter: LAMPL, Walter (University of Arizona (US))

Contribution ID: 58

Type: **not specified**

Hackathon - Trigger Demonstrator

Thursday 9 June 2016 13:30 (4 hours)

Presenters: BAINES, John (STFC - Rutherford Appleton Lab. (GB)); GEORGE, Simon (Royal Holloway, University of London)

Contribution ID: 59

Type: **not specified**

Hackathon - Cyclomatic Complexity

Friday 10 June 2016 12:00 (2 minutes)

Presenter: ROE, Shaun (CERN)

Session Classification: Wrap Up

Contribution ID: **60**

Type: **not specified**

Hackathon - Algorithmic Migration

Friday 10 June 2016 12:08 (2 minutes)

Presenter: LEGGETT, Charles (Lawrence Berkeley National Lab. (US))

Session Classification: Wrap Up

Contribution ID: **61**

Type: **not specified**

Hackathon - Google Test

Friday 10 June 2016 12:02 (2 minutes)

Presenter: KLUTH, Stefan (Max-Planck-Institut fuer Physik (Werner-Heisenberg-Institut) (D))

Session Classification: Wrap Up

Contribution ID: **62**

Type: **not specified**

Hackathon - Digitisation

Friday 10 June 2016 12:04 (2 minutes)

Presenter: CHAPMAN, John Derek (University of Cambridge (GB))

Session Classification: Wrap Up

Contribution ID: 63

Type: **not specified**

Hackathon - Conditions

Friday 10 June 2016 12:10 (2 minutes)

Presenter: LEGGETT, Charles (Lawrence Berkeley National Lab. (US))

Session Classification: Wrap Up

Contribution ID: **64**

Type: **not specified**

Hackathon - ACTS

Friday 10 June 2016 12:12 (2 minutes)

Presenter: GUMPERT, Christian (CERN)

Session Classification: Wrap Up

Contribution ID: 65

Type: **not specified**

Hackathon - Trigger Demonstrator

Friday 10 June 2016 12:14 (2 minutes)

Presenter: BAINES, John (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Wrap Up

Contribution ID: 66

Type: **not specified**

Hackathon - git workflows

Friday 10 June 2016 12:06 (2 minutes)

Presenter: MOYSE, Edward (University of Massachusetts (US))

Session Classification: Wrap Up

Contribution ID: 67

Type: **not specified**

Hackathon - Configuration

Friday 10 June 2016 12:16 (2 minutes)

Presenter: LAMPL, Walter (University of Arizona (US))

Session Classification: Wrap Up

Contribution ID: **68**

Type: **not specified**

Closing Remarks

Friday 10 June 2016 12:18 (12 minutes)

Presenter: STEWART, Graeme (University of Glasgow (GB))

Session Classification: Wrap Up