

# **First ATLAS-SouthCaucasus Software/Computing Workshop & Tutorial**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Registration

*Monday 25 October 2010 13:00 (30 minutes)*

**Session Classification:** General introduction and ATLAS software

Contribution ID: 1

Type: **not specified**

## Welcome addresses

*Monday 25 October 2010 13:30 (40 minutes)*

**Session Classification:** General introduction and ATLAS software

Contribution ID: 2

Type: **not specified**

## Introduction to ATLAS software

*Monday 25 October 2010 14:30 (30 minutes)*

**Presenter:** ELSING, Markus (CERN)

**Session Classification:** General introduction and ATLAS software

Contribution ID: 3

Type: **not specified**

## Event and detector data model

*Monday 25 October 2010 16:00 (30 minutes)*

**Presenters:** WALDER, James William (Lancaster University); Mr TSULAIA, Vakhtang (UNIVERSITY OF PITTSBURGH)

**Session Classification:** General introduction and ATLAS software

Contribution ID: 4

Type: **not specified**

## Geometry Description for Cavern Background

*Monday 25 October 2010 16:30 (30 minutes)*

**Presenters:** SURMAVA, Archil (GCCEC, GTU); KEKELIA, Besk (GCCEC, GTU)

**Session Classification:** General introduction and ATLAS software

Contribution ID: 5

Type: **not specified**

## Physics analysis examples

*Monday 25 October 2010 17:00 (30 minutes)*

**Presenters:** WALDER, James William (Lancaster University); VILLAPLANA PEREZ, Miguel (IFIC)

**Session Classification:** General introduction and ATLAS software

Contribution ID: 6

Type: **not specified**

## Development of the ATLAS 3D event display

*Monday 25 October 2010 17:30 (30 minutes)*

**Presenter:** GVABERIDZE, Giorgi (GCCEC, GTU)

**Session Classification:** General introduction and ATLAS software



Contribution ID: 7

Type: **not specified**

## **Introduction to ATLAS datasets, nomenclature and AMI dataset discovery**

*Monday 25 October 2010 18:00 (30 minutes)*

**Presenter:** Dr ALBRAND, Solveig (LPSC)

**Session Classification:** General introduction and ATLAS software

Contribution ID: 8

Type: **not specified**

## Introduction to the ATLAS Grid

*Tuesday 26 October 2010 10:00 (30 minutes)*

**Presenter:** Dr BARBERIS, Dario (CERN/Genoa)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: 9

Type: **not specified**

## **ATLAS data distribution and access model**

*Tuesday 26 October 2010 10:30 (30 minutes)*

**Presenter:** SHANK, Jim (Boston University)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: **10**

Type: **not specified**

## **Access to databases and conditions data**

*Tuesday 26 October 2010 11:00 (20 minutes)*

**Presenter:** Mr TSULALA, Vakhtang (UNIVERSITY OF PITTSBURGH)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: **11**

Type: **not specified**

## Networking and Grid infrastructure in Georgia

*Tuesday 26 October 2010 11:30 (30 minutes)*

**Presenter:** KVATADZE, Ramaz (GRENA)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: 12

Type: **not specified**

## Networking and Grid infrastructure in Azerbaijan

*Tuesday 26 October 2010 12:00 (20 minutes)*

**Presenter:** ALIYEVA, Pərvin (IPANAC Baku)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: 13

Type: **not specified**

## **Distributed computing in Armenia: current status and perspectives**

*Tuesday 26 October 2010 12:30 (30 minutes)*

**Presenter:** ASTSATRYAN, Hrachya (IIAP Yerevan)

**Session Classification:** ATLAS Grid and Grid infrastructure

Contribution ID: 14

Type: **not specified**

## RunQuery and associated tools

*Tuesday 26 October 2010 14:00 (45 minutes)*

**Presenter:** Dr HEINEMANN, Beate (LBNL and UC Berkeley)

**Session Classification:** Metadata and data selection



Contribution ID: 15

Type: **not specified**

## **Luminosity database, COMA and TAGs**

*Tuesday 26 October 2010 14:45 (45 minutes)*

**Presenter:** GALLAS, Elizabeth (Oxford)

**Session Classification:** Metadata and data selection

Contribution ID: **16**

Type: **not specified**

## COOL conditions tag browser

*Tuesday 26 October 2010 15:30 (30 minutes)*

**Presenter:** SHEKRILADZE, Vladimer (GCCEC, GTU)

**Session Classification:** Metadata and data selection

Contribution ID: 17

Type: **not specified**

## **Practical session I: Finding data on the Grid, Setting up Your Account and Athena**

*Tuesday 26 October 2010 16:30 (1h 30m)*

**Presenters:** WALDER, James William (Lancaster University); VILLAPLANA PEREZ, Miguel (IFIC); Ms OZTURK, Nurcan (University of Texas at Arlington)

**Session Classification:** Metadata and data selection

Contribution ID: **18**

Type: **not specified**

## **Practical session II: Running jobs on the Grid**

*Thursday 28 October 2010 10:00 (1h 30m)*

**Presenters:** WALDER, James William (Lancaster University); VILLAPLANA PEREZ, Miguel (IFIC); Ms OZTURK, Nurcan (University of Texas at Arlington)

**Session Classification:** Grid and data selection

Contribution ID: **19**

Type: **not specified**

## **Overview of the ATLAS distributed computing monitoring system**

*Thursday 28 October 2010 12:30 (30 minutes)*

**Presenter:** SARGSYAN, Laura (YerPhI)

**Session Classification:** Grid and data selection

Contribution ID: 21

Type: **not specified**

## Practical session III: Complex data searches

*Thursday 28 October 2010 15:00 (1 hour)*

**Presenters:** Dr HEINEMANN, Beate (LBNL and UC Berkeley); Dr ALBRAND, Solveig (LPSC)

**Session Classification:** Data selection and analysis

Contribution ID: 22

Type: **not specified**

## Practical session IV: Make your own D3PD

*Thursday 28 October 2010 16:00 (1 hour)*

**Presenters:** GALLAS, Elizabeth (Oxford); WALDER, James William (Lancaster University); VILLA-PLANA PEREZ, Miguel (IFIC)

**Session Classification:** Data selection and analysis

Contribution ID: 23

Type: **not specified**

## Practical session V: Final analysis with Proof

*Thursday 28 October 2010 17:15 (1 hour)*

**Presenter:** WALDER, James William (Lancaster University)

**Session Classification:** Data selection and analysis



Contribution ID: 24

Type: **not specified**

## ATLAS concept of Tier-3s

*Friday 29 October 2010 10:00 (45 minutes)*

**Presenters:** Dr BARBERIS, Dario (CERN/Genoa); SHANK, Jim (Boston University)

**Session Classification:** Tier-3s and networking

Contribution ID: 25

Type: **not specified**

## **Experience in South Caucasus and other countries with local Grid connections and work models for running jobs on the Grid**

*Friday 29 October 2010 10:45 (45 minutes)*

**Presenter:** (DISCUSSION)

**Session Classification:** Tier-3s and networking

Contribution ID: 26

Type: **not specified**

## Networking infrastructure at Tbilisi State University

*Friday 29 October 2010 12:00 (30 minutes)*

**Presenter:** Dr ELIZBARASHVILI, Archil (TSU Tbilisi)

**Session Classification:** Tier-3s and networking

Contribution ID: 27

Type: **not specified**

# Networking infrastructure at Georgian Technical University

*Friday 29 October 2010 12:30 (30 minutes)*

**Presenter:** TSIRAMUA, Zaza (GTU Tbilisi)

**Session Classification:** Tier-3s and networking

Contribution ID: 28

Type: **not specified**

## J/ $\psi$ cross-section measurement

*Friday 29 October 2010 14:00 (40 minutes)*

**Presenter:** KARTVELISHVILI, Vato (Lancaster University)

**Session Classification:** Physics analysis

Contribution ID: 29

Type: **not specified**

## Round-table discussion

*Friday 29 October 2010 15:00 (1 hour)*

**Presenter:** Dr BARBERIS, Dario (CERN/Genoa)

**Session Classification:** Discussion and Conclusions

Contribution ID: **30**

Type: **not specified**

## Close-out

*Friday 29 October 2010 16:00 (30 minutes)*

**Presenter:** ALEXANDER, Sharmazanashvili (Georgian Academy of Sciences)

**Session Classification:** Discussion and Conclusions

Contribution ID: **31**

Type: **not specified**

## **ATLAS Status and News**

*Monday 25 October 2010 14:10 (20 minutes)*

**Presenter:** Dr BARBERIS, Dario (CERN/Genoa)

**Session Classification:** General introduction and ATLAS software