



## Program

### Distributing and Cloud Computing for Scientific Applications:

- Scientific Clouds
- Global Networking Architecture
- Big Data: Challenges and Perspectives
- Mathematical Methods and Algorithms for Cloud Computing
- Cloud Projects in Armenia-Azerbaijan-Georgia

### LHC Technologies and Collaborative Landscape:

- LHC Upgrade Technologies
- ATLAS Upgrade Technologies
- Outreach Projects
- Collaborative projects outputs
- GRID Cluster at Georgian Technical University

## Organizers



CERN European Organization for Nuclear Research



ATLAS Collaboration



Georgian Technical University



Institute of Computational Mathematics



Georgian Engineering Centre

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## Registration

<http://cadcam.ge/2016/>

**Fourth South Caucasus Computing and  
Technology Workshop**

**SCCTW'2016**

**3-7 October, Tbilisi, Georgia**



## About

The South-Caucasus Computing and Technology Workshop in 2016 is an event that follows on from the similar workshops held in 2010, 2012 and 2014. They brought together experts from CERN (European Organization for Nuclear Research) and Western European countries, and groups from the South Caucasus countries (Armenia, Azerbaijan and Georgia) to discuss the scientific applications of distributed computing and LHC related technologies. It aims at fostering contacts between CERN and people in these countries for the collaboration in development of computing, technology and outreach purpose applications.



## Monday, 3<sup>rd</sup> of October:

### OPEN CEREMONY

## Tuesday, 4<sup>th</sup> of October:

### BIG DATA PROCESSING FOR SCIENTIFIC APPLICATIONS

- Big Data: Challenges and Perspectives
- Mathematical Methods and Algorithms for Cloud Computing
- GRID/Cloud Computing technologies at CERN

## Wednesday, 5<sup>th</sup> of October:

### EXCURSION



## Thursday, 6<sup>th</sup> of October:

### LHC TECHNOLOGIES AND COLLABORATIVE LENScape

- Collaborative projects output
- ATLAS upgrade technologies
- LHC upgrade Technologies
- Outreach projects

## Friday, 7<sup>th</sup> of October:

### DISTRIBUTED COMPUTING DEVELOPMENT FOR SOUTH CAUCASUS COUNTRIES

- Cloud Projects in Armenia-Azerbaijan-Georgia
  - Global Networking Architecture
  - GRID Cluster at GTU: Development and Perspectives