

**2016 BESIIIICGEM Cloud
Computing Summer School**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Distributed computing and Cloud

Thursday, 21 July 2016 11:00 (30 minutes)

Presenter: Dr ZHANG, Xiaomei (IHEP)

Contribution ID: 1

Type: **not specified**

IHEPCloud infrastructure

Wednesday, 20 July 2016 09:45 (45 minutes)

Presenter: Mr CUI, Tao (ihep)

Contribution ID: 2

Type: **not specified**

Practice 1: Virtualization

Monday, 18 July 2016 14:00 (4 hours)

Presenter: Mr FLAVIO, Astorino (INFN)

Contribution ID: 3

Type: **not specified**

Commercial cloud service (Amazon AWS)

Presenter: Mr DAI, Wen (Amazon AWS)

Contribution ID: 4

Type: **not specified**

Practice 3: Advanced OpenNebula & infrastructure

Wednesday, 20 July 2016 14:30 (3h 30m)

Presenter: Mr FLAVIO, Astorino (INFN)

Contribution ID: 5

Type: **not specified**

Practice 2: OpenNebula basics

Tuesday, 19 July 2016 14:30 (3h 30m)

Presenter: Mr FLAVIO, Astorino (INFN)

Contribution ID: 6

Type: **not specified**

Practice 5: a scientific computing application

Friday, 22 July 2016 14:00 (4 hours)

Presenter: Mr FLAVIO, Astorino (INFN)

Contribution ID: 7

Type: **not specified**

Practice 4: a scientific computing application

Thursday, 21 July 2016 14:45 (3h 15m)

Presenter: Mr FLAVIO, Astorino (INFN)

Contribution ID: 8

Type: **not specified**

Opening Speech

Monday, 18 July 2016 08:30 (10 minutes)

Presenter: Prof. HUANG, Xingtao (Shandong University)

Contribution ID: 9

Type: **not specified**

Introduction to virtualization technology

Monday, 18 July 2016 10:45 (1h 45m)

Presenter: Dr CHEN, Jianhai (Zhejiang University, Dept. Computing Science)

Contribution ID: **10**

Type: **not specified**

Introduction to cloud computing

Monday, 18 July 2016 08:40 (1h 10m)

Presenter: Dr LUSSO, Stefano (INFN)

Contribution ID: 11

Type: **not specified**

OpenNebula interface and real-world infrastructure demo

Tuesday, 19 July 2016 11:00 (1 hour)

Presenter: Dr LUSSO, Stefano (INFN)

Contribution ID: 12

Type: **not specified**

OpenNebula architecture

Tuesday, 19 July 2016 09:00 (1h 30m)

Presenter: Dr BAGNASCO, Stefano (INFN)

Contribution ID: 13

Type: **not specified**

HEP software distribution in cloud (CVMFS)

Thursday, 21 July 2016 12:00 (30 minutes)

Presenter: Dr YAN, Tian (IHEP)

Contribution ID: 14

Type: **not specified**

Cloud standard APIs; Contextualization and configuration (CloudInit)

Tuesday, 19 July 2016 14:00 (30 minutes)

Presenter: Mr ZHAO, Xianghu (IHEP)

Contribution ID: 15

Type: **not specified**

Provisioning persistent storage; Data and network infrastructure design and configuration

Wednesday, 20 July 2016 11:00 (1h 30m)

Presenter: Dr LUSSO, Stefano (INFN)

Contribution ID: 17

Type: **not specified**

Recent and future developments of OpenNebula

Presenter: Dr MOLINA, Daniel (OpenNebula.org)

Contribution ID: **18**

Type: **not specified**

Porting of scientific workloads to the cloud

Thursday, 21 July 2016 09:00 (1h 30m)

Presenter: Dr BAGNASCO, Stefano (INFN)

Contribution ID: 19

Type: **not specified**

Principle of IP Networking

Monday, 18 July 2016 09:55 (20 minutes)

Presenter: AMOROSO, Antonio (University of Turin)

Contribution ID: 20

Type: **not specified**

Building Virtual Scientific Computing Environment with Openstack

Wednesday, 20 July 2016 09:00 (45 minutes)

Presenter: Mr CHENG, yaodong (高能所)

Contribution ID: 21

Type: **not specified**

Commerical Cloud integration in distributed computing

Thursday, 21 July 2016 11:30 (30 minutes)

Presenter: Mr ZHAO, Xianghu (IHEP)

Contribution ID: 22

Type: **not specified**

The INDIGO-DataCloud EU project

Wednesday, 20 July 2016 14:00 (30 minutes)

Contribution ID: 23

Type: **not specified**

Openstack community in China and COA 99cloud project

Friday, 22 July 2016 09:00 (1h 15m)