

# **2015 BESIIIICGEM Cloud Computing Summer School**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Introduction to cloud computing

*Monday, 7 September 2015 08:40 (1h 35m)*

**Presenter:** Dr BAGNASCO, Stefan (INFN)

Contribution ID: 1

Type: **not specified**

# Introduction to virtualization technology

*Monday, 7 September 2015 10:45 (1h 45m)*

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

Contribution ID: 2

Type: **not specified**

## OpenNebula architecture

*Tuesday, 8 September 2015 09:00 (1h 30m)*

**Presenter:** Dr BAGNASCO, Stefano (INFN)

Contribution ID: 3

Type: **not specified**

## **OpenNebula interface and real-world infrastructure demo**

*Tuesday, 8 September 2015 11:00 (1h 30m)*

**Presenter:** Dr LUSSO, Stefano (INFN)

Contribution ID: 4

Type: **not specified**

## **Cloud standard APIs; Contextualization and configuration (CloudInit)**

*Wednesday, 9 September 2015 09:00 (1 hour)*

**Presenter:** Mr ZHAO, Xianghu (IHEP)

Contribution ID: 5

Type: **not specified**

## **HEP software distribution in cloud (CVMFS)**

*Wednesday, 9 September 2015 10:00 (30 minutes)*

**Presenter:** Dr YAN, Tian (IHEP)

Contribution ID: 6

Type: **not specified**

## Visit BESIII Detector and IHEP Computing Room

*Wednesday, 9 September 2015 11:00 (1h 30m)*

**Presenter:** Dr ZHANG, Xiaomei (IHEP)



Contribution ID: 7

Type: **not specified**

## **Provisioning persistent storage; Data and network infrastructure design and configuration**

*Thursday, 10 September 2015 09:00 (1h 30m)*

**Presenter:** Dr LUSSO, Stefano (INFN)

Contribution ID: 8

Type: **not specified**

## **Porting of scientific workloads to the cloud**

*Thursday, 10 September 2015 11:00 (1h 30m)*

**Presenter:** Dr BAGNASCO, Stefano (INFN)

Contribution ID: 9

Type: **not specified**

## Recent and future developments of OpenNebula

*Thursday, 10 September 2015 14:00 (45 minutes)*

**Presenter:** Dr MOLINA, Daniel (OpenNebula.org)

Contribution ID: **10**

Type: **not specified**

## **Introduction to OpenStack**

*Friday, 11 September 2015 09:00 (45 minutes)*

**Presenter:** Mr CUI, Tao (ihcp)

Contribution ID: 11

Type: **not specified**

## **A complete real-world system: VMDIRAC**

*Friday, 11 September 2015 09:45 (30 minutes)*

**Presenter:** Dr ZHANG, Xiaomei (IHEP)

Contribution ID: 12

Type: **not specified**

## **Commercial cloud service (Amazon AWS)**

*Friday, 11 September 2015 10:45 (1h 45m)*

**Presenter:** Mr DAI, Wen (Amazon AWS)

Contribution ID: 13

Type: **not specified**

## Practice 1: Virtualization

*Monday, 7 September 2015 14:00 (4 hours)*

**Presenter:** Mr FLAVIO, Astorino (INFN)

Contribution ID: 14

Type: **not specified**

## Practice 2: OpenNebula basics

*Tuesday, 8 September 2015 14:00 (4 hours)*

**Presenter:** Mr FLAVIO, Astorino (INFN)



Contribution ID: 15

Type: **not specified**

## **Practice 3: Advanced OpenNebula & infrastructure**

*Wednesday, 9 September 2015 14:00 (4 hours)*

**Presenter:** Mr FLAVIO, Astorino (INFN)

Contribution ID: 16

Type: **not specified**

## **Practice 4: a scientific computing application**

*Thursday, 10 September 2015 14:45 (3h 15m)*

**Presenter:** Mr FLAVIO, Astorino (INFN)

Contribution ID: 17

Type: **not specified**

## **Practice 5: a scientific computing application**

*Friday, 11 September 2015 14:00 (4 hours)*

**Presenter:** Mr FLAVIO, Astorino (INFN)

Contribution ID: **18**

Type: **not specified**

## Opening Speech

*Monday, 7 September 2015 08:30 (10 minutes)*

**Presenter:** Prof. SHEN, Xiaoyan (IHEP)