

2015 BESIIIICGEM Cloud Computing Summer School

Monday, 7 September 2015 - Friday, 11 September 2015

IHEP

Scientific Programme

Topics covered:

Introduction to Cloud Computing: technologies, definitions, architectures

Virtualisation technology

Virtual machine management

Networking for Cloud Infrastructures

The OpenNebula Cloud Management Software

Storage technologies for backend and data

Cloud Management interfaces and APIs: OpenNebula CLI, SunStone, OCCI, EC2

Porting of scientific workloads to the Cloud: the HEP use case

Provisioning of Virtual Batch Farms

A complete real-world system: VMDirac

External keynote speakers (TBC): Amazon China, OpenNebula.org