

Clouds for Research and Education Workshop

24 – 26 June, 2014, Rome, Italy

Venue: GARR premises, Via dei Tizii, 6, 00185

Agenda

Day 1: 24th June

First Session	Module 1: Cloud Computing Fundamentals
9:00 – 10:00	Introduction to course
10:00 – 11:00	What is Cloud Computing?
11:00 – 11:30	Break
11:30 – 12:00	Cloud Computing Building Blocks
12:00 – 12:30	Cloud Industry Standards
12:30 – 13:30	Break
13:30 – 14:30	Virtualization Technology
14:30 – 15:30	Introduction to Openstack
15:30 – 16:30	Working with KVM

Day 2: 25th June

Second Session	Module 2: Cloud Service Models
9:00 – 10:00	Software as a Service
10:00 – 11:00	Platform as a Service
11:00 – 11:30	Break
11:30 – 12:00	Infrastructure as a Service
12:00 – 12:30	Combining Service Models
12:30 – 13:30	Break
13:30 – 14:30	Cloud Metering and billing
14:30 – 15:30	How to evaluate Cloud SLA
15:30 – 16:30	Installing Openstack

Day 3: 26th June

Third Session	Module 3: Cloud Security
9:00 - 10:00	Introduction
10:00 - 11:00	General Security issues
11:00 - 11:30	Break
11:30 - 12:00	Security in Cloud Computing
12:00 - 12:30	Security Best Practice in Cloud
12:30 - 13:30	Break
13:30 - 14:30	Working with Openstack
14:30 - 15:30	App Fog PaaS
15:30 - 16:30	Openerp as a SaaS software
16:30 – 16:45	Closing and Certificates handing