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HPCCloud 101: HPC on Cloud Computing for newcomers

Tuesday, September 8, 2015 1:00 PM (5 hours)

Never been into Cloud Computing before? Do you think that an extra computing power is crucial for your research? Do you have some neat parallel codes that your institution doesn't allow you to execute because the cluster is full? Maybe this tutorial is for you!

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The tutorial will cover the following topics:

 Infrastructure as a Service clouds (user level) with OpenNebula (<http://opennebula.org/>) and Amazon EC2 (<http://aws.amazon.com/es/ec2/>). Virtual Clusters on cloud with StarCluster (<http://star.mit.edu/cluster/>).

As Virtual Clusters deployed by StarCluster have Sun Grid Engine and OpenMPI installed you are more than welcome to bring your own codes and give them a try!

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