



Contribution ID: 23

Type: **Presentation**

scientific data cloud infrastructure and services in Chinese Academy of Sciences

Thursday, 18 October 2012 09:30 (30 minutes)

In order to solve big data challenge in scientific research, a scientific data cloud has been planned to build in Chinese Academy of Sciences, which constitutes 12 data centers and one data archive center, and will provide big data online storage, data backup, data archive and data intensive analysis services. This talk will introduce the infrastructure, key technology, including distributed file system, virtualization, monitoring, etc, and services.

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Session Classification: Grid, Cloud and Virtualisation

Track Classification: Grid, cloud and virtualization