



# Swiss Distributed Computing Day Welcome

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## Annual meeting for users and providers of distributed computing technologies

- Successor event of the “Swiss Grid Day”
  - Yearly event since 2008
- This year with a wider focus
  - Grid Computing
  - Cloud computing
  - HPC resources

## Agenda for today

### Distributed Computing

10:25 - 10:50 **Distributed Computing Infrastructures for Swiss Science**, Sigve Haug, SwiNG and University of Bern

10:50 - 11:15 **Swiss Multi-Science Computing Grid**, Placi Flury, SWITCH

*Speaker's dinner 19:00*

*Brasserie Bärengraben*

## Agenda for today

### Technology Session - I

11:15 - 11:40 **HPC technology update** - challenges or chances,  
Thomas Schoenemeyer, *Swiss National Supercomputing Center (CSCS)*

11:40 - 12:05 Scientific and Technical **Applications as a Service** in  
the Cloud, Wibke Sudholt, *CloudBroker GmbH and EuroCloud Swiss*

12:05 - 12:30 Using a Cloud based System to provide **Web Site  
Hosting** - Webvanta CMS, Thibaut Siegmann, *Friedrich Miescher  
Institute (FMI)*

## Science Session

13:30 - 13:55 **Swiss Experiment:** A distributed infrastructure for storage and processing of environmental data, with advanced access and annotation support,

Michael Lehning, *WSL Institute for Snow and Avalanche Research SLF*

13:55 - 14:20 Computational Challenges in the **Life Sciences**,  
Ioannis Xenarios, *SIB Swiss Institute of Bioinformatics*

14:20 - 14:45 **Computational Chemistry** on the Grid,  
Timm Reumann, *University of Zurich*

14:45 - 15:10 What does **Particle Physics** need a Grid for?  
Christoph Grab, *ETH Zurich*

## Agenda for today

### Industry Session

15:30 - 15:55 **Google Cloud** for Data Crunchers,  
Akos Frohner, *Google Inc.*

15:55 - 16:20 Elastic Enterprise **Data Warehouse Query Log  
Analysis** on a Secure Private Cloud,  
Kurt Stockinger, *Credit Suisse AG*

16:20 - 16:55 Databases in the cloud - Experience with **SQL Azure**,  
Fabio Consani, *ETH Zurich*

## Agenda for today

16:55 - 17:20 **Cloud computing - VM-MAD Project,**  
Sergio Maffioletti, *SwiNG and University of Zurich*

17:20 - 17:55 **Swiss Wide Resource Booking System Project,**  
Dean Flanders, *SwiNG and Friedrich Miescher Institute (FMI)*

17:55 - 18:00 **Closing remarks**

## Technology session – II

*Speaker's dinner 19:00*

*Brasserie Bärengraben*