

Slurm User Group Meeting

Welcoming Address

23 September 2014

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About CSCS

A unit of the Swiss Federal Institute of Technology in Zurich (ETH Zurich)

- Founded in 1991 and located in Manno
- Relocated to Lugano in 2012

Develops and promotes technical and scientific services

- For the Swiss research community in the field of high-performance computing

Enables world-class scientific research

- By pioneering, operating and supporting leading-edge supercomputing technologies



Slurm at CSCS

At CSCS work first started with Slurm back in 2010

- Ported to run on a Cray XE6 in-house R&D system (via ALPS)
- Moved to the production environment in 2011
- Migration of the whole site to Slurm followed

Things have come a long way since then

- Cray now offers support for Slurm
- Native Slurm from Cray is now also an option

CSCS maintains expertise in Slurm

- Skilled systems and user-facing teams
 - Configuration and support
- Two in-house developers
 - Stephen's talk outlines one project we have been working on
- The Slurm ecosystem is non-trivial
 - Massimo's Site Report has all the details

Slurm and SUG

This will be the 5th annual Slurm User Group meeting

- The first was in Paris in 2009

Attendance is around 70 people

- At the Paris meeting there was about 15 people
- Slightly less than last year
- Generally attendance in the USA is higher than in Europe
- There is clearly growth in both regions

Acceptance of Slurm continues to grow

- Six of the top 10 systems on the Top500 list use Slurm
- Including the Number 1 system

Slurm represents the collective work of 160 people

- From a multitude of organisations
- From all over the world



Thank you and Enjoy the Conference!

Forecast for 6900 Lugano

	Mo 22.09.	Tu 23.09.	We 24.09.	Th 25.09.	Fr 26.09.	Sa 27.09.
	 	 	 			
Temperature	15 26 °C	13 22 °C	12 20 °C	12 21 °C	12 21 °C	13 21 °C
Sunshine	80-100%	80-100%	20-50%	80-100%	80-100%	80-100%
Precipitation	0mm	0mm	0mm	0mm	0mm	0mm