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CBC Talk on Tianhe-2: More Than Super Computing - September 11, 2013

We have the pleasure of announcing an upcoming guest lecture about today's most powerful supercomputer in the world: Tianhe-2. The speaker is Prof. Chunyuan Zhang, who is a key member of the researcher team that built Tianhe-2 at National University of Defense Technology, China.

Total number of participants: 23
 Total number of guests outside of CBC: 16
 Number of different nationalities represented: 8
 Total number of speakers: 1
 Total number of talks: 1

Tianhe-2: More than Super Computing

*Wednesday September 11, 13:15-14:00
 Auditorium Simula, Ole-Johan Dahls hus, Ifi, UiO
 Prof. Chunyuan Zhang, NUDT, China*

According to the TOP500 list from June 2013, Tianhe-2 is today's most powerful supercomputer in the world. This new supercomputer has 16,000 nodes, each with two Intel Xeon IvyBridge processors and three Xeon Phi processors for a combined total of 3,120,000 computing cores. Tianhe-2 has 54.90 petaflop/s as its peak theoretical double-precision performance, with a sustained performance of 33.86 petaflop/s on the Linpack benchmark. In this guest lecture, Prof. Zhang will discuss Tianhe-2's architecture, compute nodes, and the Galaxy FT-1500 CPU which is designed and built by NUDT.

Prof. Zhang will also give a short course on Computer Architecture, Sep 10-11.

More info: <http://heim.ifi.uio.no/xingca/201309.html>

What	
When	Sep 11, 2013 from 01:15 PM to 02:00 PM
Where	Auditorium Simula, Ole-Johan Dahls hus, Ifi, UiO
Contact Name	Xing Cai
Attendees	Alex Oltu Chunyuan Zhang Dag S. Nærland Dan Jonsson Ernst-Gunnar Gran Glenn Lines Heidi-Christine Bernhoff-Jacobsen Henrik R. Nagel Jo Inge H. Bitabekk Johan Hake Johannes Langguth Ju Ren Jun Cai Mariolena Demitrov Mohamme Sourouri Ole W. Saastad Pål Halvorsen Simen Gare Tor Skeie Truls Stokke Vamsidha Reddy Wei Zang Xing Cai
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