



Mid-Sweden University and HPC2N

invite you to a colloquium at campus Sundsvall:

High performance computing (HPC) in science and engineering

Monday, November 3

9.30 a.m. – 4 p.m.

in Västnagen (Fabriksgatan 26) building, G321.

If you are going to have the coffee with us, please inform Fanny Burman, fanny.burman@mh.se, tel: 060 – 148889. She also can help you if you have questions related to the colloquium.

Welcome!

Program

09.30-10.05	Coffee	
10.05-10.15	Welcome greeting	Prof. Hans-Erik Nilsson, Mid-Sweden University
10.15-10.45	Darling, I shrunk the computer!	Prof. Erik Hagersten, Uppsala University
10.45-11.15	How a Supercomputer Calculation Solved an Industrial Problem	Docent Ulf Lindefelt, Mid-Sweden University
11.15-11.45	Modeling matter at Atomic Scale	Docent Sven Öberg, Luleå University of Technology and HPC2N
11.45-13.15	Lunch	
13.15-13.45	HPC to the North	Prof. Bo Kågström, HPC2N
13.45-14.15	Large Problems in Optical Physics	Docent Sverker Edvardsson, Mid-Sweden University
14.15-14.45	Computational models in the Paper and Packaging Industry	Rickard Hägglund, SCA Research
14.45-15.15	Coffee	
15.15-15.45	High Performance Technical Computing	Börje Lindh, SUN Microsystems
15.45-16.00	Closing words	Prof. Hans-Erik Nilsson, Mid-Sweden University

Mitthögskolan

www.mh.se

HPC2N – High Performance Computing to the North

<http://www.hpc2n.umu.se>