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# SNIC-UPPMAX Newsletter

June 2011

*Dear HPC users in Uppsala,*

*New times are approaching for UPPMAX. As I am writing this, a new computer hall is being finalized. UPPMAX current systems will be placed there in August. In September, the new cluster Tintin, of similar size as Kalkyl but with more internal memory, will be delivered. Please, check our web-page for updated information in connection with these changes.*

*Other news is that from September, there will be a new Director of UPPMAX, Hans Karlsson. Hans has been involved in UPPMAX since the very start in 2003. At the same time, Ola Spjuth (now application expert) will be appointed Deputy Director. Together with System Expert Manager Jukka Komminaho, they will form the UPPMAX management group.*

*Submit your jobs prior to leaving for vacation. We will do our best to have the computers up and running your computations during Summer. Hence, you can enjoy the bright long days and return refreshed in Fall.*

*”En vänlig grönskas rika dräkt  
har smyckat dal och ängar.  
Nu smeker vindens ljumma fläkt  
de fagra örtesängar.”*

*Best regards for a pleasant Summer,*

*Ingela Nyström*

*Director of UPPMAX*

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## eSSENCE Seminar Series

The first lecture in the eSSENCE seminar series jointly organized by eSSENCE and UPPMAX was held on May 25 at the Ångström Laboratory. The speaker, Professor Erik Elmroth, Dept. of Computing Science, Umeå University, talked about 'Elastic computers, IT in the cloud, and other everyday commodities in 2015'. Professor Elmroth gave a very nice introduction to cloud computing, its necessities and the implementations in future. The seminar also initiated some debates brought forward by the audience. It was a full room seminar with around 40 attendees. Overall, it was a very exciting and successful start of this seminar series. Refreshments were served after the seminar and the discussions continued during this period between a number of attendees and the speaker.

More seminars will follow in this series in Fall. Keep an eye on our web-page!



**See also**

[www.uppmax.uu.se](http://www.uppmax.uu.se)

[www.snic.vr.se](http://www.snic.vr.se)

Editor: Hans Karlsson

Uppsala Multidisciplinary Center  
Advanced **UPPMAX** Computational Science

# New 250 m<sup>2</sup> computer hall and installation of the new compute cluster Tintin

UPPMAX will move all computing facilities to a new computer hall at the Ångström Laboratory in August 2011. This means that access to UPPMAX will be limited during a period and all resources will be completely shut down and offline while we move the file system servers and the central networking. We aim to limit the duration of total blackout to one week (August 15-19). With this new computer hall, UPPMAX will be better equipped to serve our users. We will also be better prepared to receive large-scale resources in the future.

The uptime for our systems will be affected by the move according to the following plan:

- **August 8-14:** Half of the Kalkyl compute nodes will be unavailable. Grad, Halvan and the other half of the Kalkyl compute nodes available.
- **August 15-21:** All UPPMAX resources will be unavailable, including the file system.
- **August 22-28:** Half of the Kalkyl compute nodes will be unavailable. Grad, Halvan and the other half of the Kalkyl compute nodes available again.
- **August 29:** All UPPMAX resources back in operation.

During September, Tintin will enter the computer hall.



Please, forward this Newsletter to colleagues that might be interested in HPC news from Uppsala. Information about happenings in connection with UPPMAX are spread via this forum a couple of times annually. Visit our website regularly for continuous updates:

<http://www.uppmax.uu.se/>

Subscribe to the Newsletter by sending an e-mail to [LISTSERV@LISTSERV.UU.SE](mailto:LISTSERV@LISTSERV.UU.SE) with the following command in the body (not the subject) of your message:

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The NGSSC course *Computational Methods in Statistics with Applications* will be given in September 2011 by UPPMAX.  
See [www.ngssc.se](http://www.ngssc.se) for further information.