**Academy of Finland**

**Research programme in Computational Sciences Lastu**

**Invitation to seminar in April 6 to 8, 2011**  19 January 2011

Dear colleague,

The Academy of Finland invites young researchers (doctoral students and post docs) within computational science in the Nordic countries to the annual seminar of Lastu, the Finnish Research programme in Computational Sciences. The seminar will take place between April 6 and 8, 2011 in Gustavelund, Tuusula, Finland. Gustavelund is located conveniently just about 15 km north of Helsinki airport, see www.gustavelund.fi. The theme of the seminar is **Methods in Computational science applied in different fields**. The methods can be targeted to both data and computationally intensive research. From Finland, young researchers in Lastu projects and Finnish doctoral programmes are invited.

The seminar will consist of keynote speeches, oral and poster presentations by the young researchers and time for networking. The division between oral and poster presentations will be done by the Lastu steering group based on the researchers' preference and the variety of the topics proposed. The goal is to have a wide spectrum of topics covered by the oral presentations. The participants are asked to submit the abstracts of the presentations by February 3, 2011. The seminar is supported also by the Nordic research funding organization NordForsk.

eScience tools are everyday life for modern scientists. Those working within computational sciences are in the forefront; their knowledge of these tools can be utilized in many areas. A key objective of the Lastu programme is to promote the use of computational methods. Young scientists within computational sciences are the best advocates in their future positions as researchers or experts. The goal of our spring seminar is to get together young researchers for networking and sharing their experience from different viewpoints. In addition to the young researchers, senior scientists with interest are welcome.

The young researchers are expected to give a presentation, orally or by a poster, describing their own field of interest. The program of the seminar will be finalized after the abstracts for presentations have been submitted. The preliminary program is the following:

Wednesday, April 6, 2011

15.00 - Arrival of seminar participants

18.00 Get together and buffet dinner, possibility to go to sauna and swim (indoors)

Thursday, April 7

9.00 Welcome address (Lastu steering group)

9.15 High-performance multi-user code development with Google Code

Prof. Axel Brandenburg, Nordita

10.15 Oral presentations (3-4)

12.00 Lunch

13.00 Oral presentations (3-4)

14.45 Coffee

15.15 Poster session

19.00 Dinner

Friday, April 8

9.00 Keynote speech (title to be confirmed later), Prof. Jaap Heringa, Vrije Universiteit

10.00 Oral presentations (3-4)

11.45 Check-out

12.00 Lunch

13.00 Oral presentations (3-4)

14.30 Concluding remarks

15.00 End of seminar+ coffee

The duration of the oral presentations is either 20+5 minutes or 30+5 minutes.

The Academy of Finland will cover all meeting facilities, including meals. With the help of the support by NordForsk, the accommodation costs can also be paid by the organizers. The participants need to take care of the travel costs by themselves.

I ask you to distribute this invitation in your community so that we would get as wide participation as possible and a fruitful seminar.

The registration for the seminar is open at **http://www.academyevents.fi, code: Lastu2011**. The abstracts (in English) will be submitted together with the registration, **deadline for abstracts is February 3rd** . The instructions for preparation of abstracts are attached. **Registration closes March 23rd**.

Additional information about the seminar can be found in the website www.aka.fi/lastu → In English

I am happy to give further information and answer your questions.

With best regards

Merja Kärkkäinen and the Academy Lastu team

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Annex:

**How to prepare abstract for annual seminar of Lastu, April 6-8, 2011**

The maximum length of the abstract is one page. Please submit the abstract as pdf.

Structure of abstract:

Name

Institution

Title of presentation

Keywords

In the text, give a description of the methodology to be elaborated and the application area in which the computational methods will or can be used. Identify the key science question, what you want to solve. You may include also reference to other works in the field.