



SeRC Faculty

Olof Runborg

Background

- SeRC organization now essentially in place
- 18 faculty, ca 30 projects, 13 application experts
- Little additional funding left for new positions
- Next milestone: Evaluation of SeRC in 2014

- Time to work and fulfill SeRC vision!

Through e-Science enable world leading research
within strategically important areas

(...and make sure we get a good evaluation.)

SeRC Faculty

- 20 researchers with substantial support from SeRC
- Typically half of salary paid by SeRC
- Full representation of SeRC
 - All e-Science communities
 - Core and applied
 - KTH, SU, LiU, KI
 - All community coordinators
- "Engine" of SeRC – inter-community network

20 SeRC Faculty

- **Lars Bergqvist**, ELEC, [KTH](#)
- **Zilvinas Rinkevicius**, ELEC, [KTH](#)
- **Berk Hess**, MOL, [KTH](#)
- **Philipp Schlatter**, FLOW, [KTH](#)
- **Olof Runborg**, NA, [KTH](#)
- **Erwin Laure** DPT, [KTH](#) 2012
- **Mathieu Linares**, **Leonid Pourovskii**, ELEC, [LiU](#)
- **Björn Wallner**, BIO, [LiU](#)
- **Tino Ebbers**, **Timo Ropinski**, VIZ, [LiU](#)
- **Christoph Kessler**, **Patrick Lambrix**, DM/DPT, [LiU](#)
- **Lars Arvestad**, BIO, [SU](#)
- **Rodrigo Caballero**, **Gunilla Svensson**, CLIM, [SU](#)
- **Keith Humphreys**, COM, [KI](#)
- **Jeanette Hellgren-Kotaleski**, COM, [KTH](#)
- **Olivia Eriksson**, SeRC, [KTH](#), **Ola Spjut**, eCPC/DM, [KI](#)



Role of SeRC Faculty



- Scientific focus
 - Drive research and projects in SeRC
 - Organize scientific workshops
 - Advise Director and Management Group on scientific issues
- Adding value to SeRC
 - Foster collaborations within SeRC
 - Form cross-disciplinary teams (core + applied)
 - Integrate application experts in communities
 - Use SeRC as vehicle for new funding
 - Joint applications

Fostering Collaboration

- **Goals**
 - Interdisciplinary research projects
 - Exchange of information and technical expertise
 - Educational collaboration
 - Joint applications
- **How?**
 - Meetings
 - Face-to-face, workshops, faculty meetings
 - Joint PhD advising
 - Core co-advisor for applied PhD projects and vice versa
 - Research exchange
 - Faculty, postdoc or PhD exchange between groups
 - Application experts
 - Important link between core and applied

First Faculty Meeting

Retreat at Villa Brevik, March 22-23

- Team building – getting to know each other
- Understanding the SeRC organization
- Clarification of Faculty's role in SeRC
- Many interesting discussions and seeds for collaborations

Activities

- **Fall and spring faculty retreats**
 - First meeting, March 2012
 - Next, Fall 2012 (will include application experts)
- **Community workshops**
 - Electrostatics in Molecular Simulations (NA/MOL), March 16
 - e-Science for Cancer Prevention and Cure (COM/DM), May 9-10
 - TBA (CLIM), May-June
- **TODAY**
 - Core community drop-in, 5.15 pm

Core Community Drop-in

- Today at 5.15 pm
- Meet core communities
 - Data management
 - Distributed and parallel techniques
 - Numerical analysis
 - Visualization
- Discuss potential collaborations/shared interests!

SeRC Organisation

