

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



































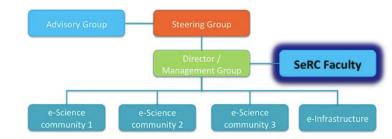








Role of SeRC Faculty



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

