

Swedish e-Science Academy

Uppsala University
Main University Building, Room IX
October 16 – 17, 2018

Tuesday, October 16

12:00	Light lunch – Welcome mingle – Registration	The gallery outside Room IX
13:10	Welcome Anna Qvarnström, Chair of eSENCE Board Johan Tysk, Vice-Rector, Science and Technology, Uppsala University	
13:30	Session 1: Examples of recent progress in e-Science research	Chair: Bo Kågström
13:30	Modeling the evolution of enzyme function through simulation	Dusan Petrovic
13:50	Parallel robust solution of triangular linear systems	Carl Christian Kjelgaard Mikkelsen
14:10	Aeroelastic feather control – New concepts for wing design	Johan Revstedt
14:30	Session 2: e-Science education	Chair: Melvyn Davies
14:30	SeSE – Swedish e-Science Education – Graduate school	Pavlin Mitev
14:45	Initiatives at the BSc and MSc level – an outlook	Sverker Holmgren
15:00	Panel – How can e-Science research contribute even more to higher education?	Moderator: Melvyn Davies Panel Members: Pavlin Mitev, Sverker Holmgren, Eddie Wadbro, Azahar Monge
15:30	Poster Blitz (1 slide, 45 seconds per poster)	Chair: Magnus Ullner All poster presenters
16:15	Poster Session with Refreshments & Snacks	The gallery outside Room IX
19:00	Opportunity to check in at Hotel City Stay Dinner at Norrlands nation and Discussions	

Wednesday, October 17

09:00	Session 3: e-Science in society	Chair: Erik Elmorth
09:00	Ericsson Research and Machine Intelligence in the world of 5G	Andreas Johnsson, Ericsson Research
09:20	Automatic classification of microscopy images in digital pathology using deep learning	Anders Heyden
09:40	CutFEM: Discretizing geometry and partial differential equations	André Massing
10:00	Panel: How do we collaborate with society and industry, and what are the opportunities for e-Science PhDs outside academia?	Moderator: Erik Elmroth Panel Members: Bo Kågström, Anders Heyden, Jenny Nordquist

10:30: Coffee break

11:00	Session 4: The future of e-Science	Chair: Anna Qvarnström
11:00	Gender mainstreaming and e-Science	TBC
11:15	PLAN-E and e-Science in Europe	Patrick Aerts, Chair of PLAN-E (European forum for e-Science)
11:30	Panel: How can we further develop e-Science in research, education and society?	Moderator: Anna Qvarnström.
12:15	Closing Words	Lars Nordström

12:30 Farewell Lunch (lunch bag) The gallery outside Room IX