Software for Competitiveness
Big Data and Other Frontiers

14 NOVEMBER 2017
STOCKHOLM CITY CONFERENCE CENTRE (NORRA LATIN), DROTTNINGGATAN 71 B
http://www.stoccc.se/en/contact/getting-here/
A digitalization wave is spreading through the world. Access to very big data samples, and automatic services to extract human-relevant knowledge from the data flow will change our industry and society. ICT is the core technology behind this revolution. SSF and Vinnova work to support Sweden’s academy and industry to be competitive in ICT research and development. Welcome to be inspired by this conference!

**SSF** funds academic research in support of Swedish competitiveness with an emphasis on framework programmes like the 100 million SEK Information-Intensive Systems, and the 200 million SEK Big Data and Computational Science, both presented at this conference. These are complemented by various grants to primarily young individual researchers.

**Vinnova** supports Sweden’s digitalization through several initiatives. International ICT R&D cooperation is supported by approx. 150 MSEK/year through various programs: EU ECSEL JU, EUREKA ICT clusters, Eurostars and bilateral activities. Vinnova also acts for Sweden in steering and support of the EU LEIT-ICT program (approx. 250 MSEK/year from EU to Sweden). Most of these programs and some key projects are presented at this conference.

Please register for the conference at [Registration](#) not later than **6 November**.
8.30 Registration and Coffee

9.30 Welcome!
Charlotte Brogren, Director General Vinnova
Lars Hultman, CEO SSF

9.40 Keynote Session
Chair: Lena Holmberg, Business Developer, The City of Trollhättan
E2E-Clouds, Big Data and Business
Seif Haridi, KTH Royal Institute of Technology & RISE SICS
Digital Maturity in Sweden - Leaders and Laggards
Irene Ek, Swedish Agency for Growth Policy Analysis
Innovation, Gender and Software - State of the art in Sweden and on the Global Scene
Inger Danilda, Quadruple Learning AB

10.40 Break

10.50 SSF projects in Information-Intensive Systems
Chair: Jonas Wallberg, Teknikföretagen
DADEL, High-Performance Data Mining for Drug Effect Detection
Henrik Boström, Stockholm University + Mia Kvist, Karolinska University Hospital/Stockholm University
Virtual Photo Set, Data-driven scene characterization for realistic rendering
Anders Ynnerman, Linköping University
Ralf 3, Software for Embedded High Performance Architecture
Ivica Crnkovic, Chalmers University of Technology/Mälardalen University
DataBIN, Data-Driven Secure Business Intelligence
David Sands, Chalmers University of Technology

11.50 Lunch and poster session

12.50 SSF projects in Big Data and Computational Science
Chair: Agneta Jacobson, Teyi AB
Integrated ViSualization of Intra-Tumor Heterogeneity
Nicola Crosetto, Karolinska Institute
Continuous Deep Analytics
Seif Haridi, KTH Royal Institute of Technology & RISE SICS
Large Scale Machine learning for the SingleCell Revolution
Jens Lagergren, KTH Royal Institute of Technology

13.30 International software-related ICT programs
Chair: Jonas Bjarne, Vinnova
The EU LEIT-ICT program 2018-2020 and the Swedish position on the next EU Research Framework Programme (FP9)
Johan Harvard, Deputy Director, Swedish Ministry of Enterprise and Innovation
The EU Next Generation Internet Swedish Node
Rebecca Steinert, Head of the Network Intelligence Group, RISE SICS
The EU ECSEL JU Initiative
Laila Gide, President, ARTEMIS Industry Association

14.30 Coffee and poster session

15.00 Finland - Sweden bilateral matchmaking and cooperation in ICT
Tom Warras, Tekes – the Finnish Funding Agency for Innovation, Finland
The EUREKA ITEA software cluster
Philippe Letellier, ITEA Vice-chairman
The Vinnova Program on Digital infrastructure and Cybersecurity
Anna Chiara Brunetti, Vinnova

15.50 Vinnova projects in software-intensive systems
Chair: Andreas Allström, Vinnova
EU ARTEMIS JU Arrowhead
Service interoperability enabling collaborative automation
and
EU ECSEL JU Productive 4.0
Electronics and ICT as enabler for digital industry and optimized supply chain management covering the entire product lifecycle
Jerker Delsing, Luleå University of Technology

16.40 Drinks, discussions and posters

17.30 End of conference
Vinnova is Sweden’s innovation agency. We promote sustainable growth by improving the conditions for innovation and by funding needs-driven research.

We promote collaborations between companies, universities, research institutes and the public sector. We do this by stimulating a greater use of research, by making long-term investment in strong research and innovation environments and by developing catalytic meeting places. Our activities also focus on strengthening international cooperation.