



WELCOME
STEW

2014

Anders Caspár
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ERICSSON RESEARCH
CHAIRMAN SWEDSOFT



ERICSSON AT A GLANCE



#1

MOBILE INFRASTRUCTURE

OSS&BSS

SERVICES

MEDIA DELIVERY & IPTV

35,000

Patents

25,000

R&D Employees

USD 5B

In R&D

1 BILLION

Subscribers
managed by us

2.5 BILLION

Subscribers
supported by us

64,000

Services
professionals

USD 35B

Net Sales

50%

LTE smartphone traffic
handled by our networks

180

Countries with
customers

115,000

Employees



SOFTWARE MEANS BUSINESS!

15.000

NEW JOBS ONLY IN 2012!

INNOVATION CENTRE SWEDEN

Swedish companies rely on innovation and software development to maintain their competitiveness,

Almost every company in Sweden needs technology – particularly software – to be moving forward

Around 20% of Sweden's exports in 2012 consisted of IT related products and services.

In 2009 these companies invested around 60 billion SEK in new software.

In addition, software counts for 80% of the innovation in the telecommunication and automotive industries.

The market keeps on growing, as systems become ever-more complex and greater product functionality and services are implemented in software.



Arcticus Systems



ERICSSON



Swedsoft



Teknikföretagen



CHALMERS

Makes The Invisible Visible



Innovative Centre for Embedded Systems



LUNDS
UNIVERSITET



in real life



LINKÖPINGS UNIVERSITET



HALMSTAD



VOLVO



UPPSALA
UNIVERSITET



MÅLARDALEN UNIVERSITY
SWEDEN



STEW 2014

CONTENT



- › 10:00-10:15 Welcome by Swedsoft

- › 10:15-11:00 Keynote: Stefan Östholm,
Knowledge Foundation

- › 11:00-11:30 Session 1: Market driven
requirements engineering
Tony Gorchek, Blekinge Institute of Technology

- › 11:30-12:00 Session 2: Increasing
programmability with domain-specific
languages
Christoph Kessler, Peter Fritzon & Kristian Sandahl,
Linköping University

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- › 12:00-13:00 Lunch

- › 13:00-13:30 Session 3: Automation in the
bug flow: machine learning for triaging and
tracing
Markus Borg, Lund University

- › 13:30-14:00 Session 4: Self-organized
intelligent monitoring of a vehicle fleet in
Sweden
Stefan Byttner, Halmstad University

- › 14:00-14:30 Session 5: Faster and more
realistic tests at Scania
Thomas Gustafsson, Scania & Daniel Sundmark, SICS Swedish
ICT

- › 14:30-15:00 Coffee break



- › 15:00-15:20 Presentation: Vinnova's approach to innovation in international ICT
Jonas Bjarne, Johan Lindberg & Andrej Litwin,
Vinnova
- › 15:20-15:50 Session 6: Rigorous simulation for design-time verification of an emergency braking system
Walid Taha, Halmstad University
- › 15:50-16:20 Session 7: Continuous technical risk assessment in software development
Vard Antinyan, Chalmers University
- › 16:20-16:30 Summing up the day!

