

Software Technology Exchange Workshop 2016

LINKÖPING 12-13 OCTOBER

Swedsoft welcomes you to the fifth Software Technology Exchange Workshop (STEW) at Linköping University in Linköping.

Transfer of results of academic research into real products or integrating them into industrial ways-of-working is one of the key challenges for both academic institutions and companies. Many companies today are often unaware of the existing research and many academic institutions have difficulties to disseminate their results within the industry.

To remedy this, the Software Technology Exchange Workshop (STEW) has been organized by Swedsoft to facilitate knowledge exchange and dissemination of academic results within the industry. STEW provides a forum for researchers and industry representatives to meet and learn about recent, industry-relevant research in the domain of software development. The workshop also promotes networking among academic and industrial attendees. This year the focus will be on Best of Swedish industry-academia joint research in software intensive system 2015-2016.

Opening speech

Pontus De Laval, CTO, Saab

Keynote speakers

Speed, Data and Ecosystems: Excelling in a Software Driven World

Jan Bosch, professor Chalmers University of Technology and Director of Software Center

Towards the Networked Society – a software challenge

Ulf Wahlberg, Vice President, Industry and Research Relations, Ericsson

Practical information

Date: 12-13 October 2016

Place: Vallfarten, Linköpings Universitet, Linköping

Registration and more information: Swedsoft.se/event/stew-2016



Wednesday 12th of October

- 09:15 **Opening speach**
Pontus De Laval, CTO, Saab
- 10:00 **Software Ecosystems for the Internet of Things**
Jakob Axelsson, SICS/ Mälardalen University
- 10:20 **Coffee**
- 11:00 **AUTO-CAAS: Model-Based Fault Prediction and Diagnosis of Automotive Software**
Wojciech Mostowski and Mohammad Reza Mousavi,
Centre for Research on Embedded System, Halmstad University
- 11:35 **Why a values-driven approach is necessary to stimulate innovation in SW development**
Niklas Lindhardt, CaptureInnovation
- 12:10 **Lunch**
- 13:15 **KEYNOTE: Speed, Data and Ecosystems: Excelling in a Software Driven World**
Jan Bosch, Chalmers University of Technology & Software center
- 14:05 **The Lack of Sharing of Customer Data in Large Software Organizations**
Aleksander Fabijan & Helena H. Olsson, Malmö University
- 14:40 **On the Integration of System Anatomy, System Architecture and Project Management**
Lars Taxén, Linköping University and Peter Olow, Knowit TM
- 15:10 **Coffee**
- 15:40 **Exploratory testing - black or white?**
Per Runesson, Lund University
- 16:15 **Implementing an organizational capability for systems management – a model based approach**
Tom Strandberg, Syntell
- 18:30 **Dinner**

Thursday 13th of October

- 09:15 **Swedsoft - gathering Swedish software**
Stefan Andersson, Chairman Swedsoft/Future Programs Saab Aeronotics
- 10:00 **Challenges, Opportunities, and Recommendations for Scaling Agile in Mechatronics Organizations**
Ulrik Eklund, Malmö University
- 10:30 **Coffee**
- 11:00 **Model-based development of vehicular embedded systems**
Alessio Bucaioni, Mälardalen University
- 11:35 **SCALARE – supporting the industry in SCALing softwARE capabilities**
Max Sunemark, Addalot and Henrik Cosmo, MAPC
- 12:10 **Lunch**
- 13:15 **KEYNOTE: Towards the Networked Society – a software challenge**
Ulf Wahlberg, VP Industry and Research Relations Ericsson
- 14:05 **Ontology-based software test case generation (OSTAG)**
Vladimir Tarasov, Jönköping University, School of Engineering, Department of Computer Science and Informatics
- 14:40 **Eiffel – Achieving Enterprise Scale Continuous Integration and Delivery Traceability**
Daniel Ståhl, Ericsson
- 15:10 **Coffee**
- 15:40 **Pre-runtime scheduling of avionic systems**
Elina Rönnberg, Saab
- 16:15 **An industrial application of the Semantic web technology**
Dag Rende, FindOut Technologies AB

