



Embedded Systems for the Automotive Industry Facts today – Trends and Challenges tomorrow

French-Swedish EMTECH Workshop in connection with CEDES and MathWorks Events

Time: Thursday June 1 09h00 – 11h05 and 13h00 to 14h30
Location Lindholmen Science Park , Konferenscentrum , Lindholmospiren 5 ,
Norra Älvstranden, Gothenburg (see encl map and www.navet.info)

PARTICIPATION FREE OF CHARGE

Participants to CEDES and Mathworks also invited to:
EMTECH Gothenburg Workshop 2006

08h30 - 09h00 Registration and coffee/tea

09h00- 09h20 Welcome on behalf of EMTECH , FIEV and FKG
Moderator: Nina Dhejne , EPIANA – Swedish partner of EMTECH.

European Strengths, Weaknesses, Opportunities and Threats Analysis
EMTECH and SWOTA Report. Short about ARTEMIS.
Victor Deletang, FIEV – French Partner of EMTECH

09h20 - 09h35 What are Embedded Systems today ? Trends for tomorrow
Mr Dag Nyström, PhD, Mimer Information Technology and Mälardalens Högskola

09h35 – 10h25 Telematics Valley – a Network of Embedded Companies
Mr Greg Geiselhart, Executive Director of Telematics Valley

Trends and Directions in Embedded Software:

* **Embedded Software Platforms and Frameworks,**
Mr Robert P Karlsson, MSc&MBa, Director, ENEA Embedded Technology AB

* **Platform and Process for Safety critical Applications in Vehicles**
Mr Lars-Åke Johansson, Managing Director, QRtech AB

* **AUTOSAR aspects on the development of automotive applications**
Mr Håkan Sivencrona PhD, Automotive Systems – Safety, Mecel AB

Short Break

10h30 – 10h50 ATESST – A European Project on System Modelling
Mr Henrik Lönn, PhD, Volvo Technology Corp.

10h50 – 11h05 A National Swedish Strategy for Electronics (ready in May)
Mr Ulf Öhlander, PhD, VINNOVA

11h05 – 11h30 Break – Lunch start



Participants to EMTECH and Mathworks also invited to:

CEDES Seminar and Lunch (in Swedish or English, due to participating guests):
(Cost efficient Dependable Electronic Systems inom IVSS)

11h30– 13h00 En jämförande studie av kodgeneratorer för Simulink

A comparative study of code generators for Simulink
Msc thesis by Mr Josef Nilsson and Mr Robert Hammarström

Participants to CEDES and MathWorks also invited to:

Continued EMTECH Workshop - French part (in English)

13h00-13h45 Reliability of Embedded Technologies
*Mr Lecluse, Embedded Systems Program Manager,
CEA (French Research Institute),
Coordinator of Num@tec "Center of Competitiveness"*

3h45-14h30 Testing through all Phases of the Development Process
Mr Friedrich Schwamm, Assystem/Atena.

Participants to EMTECH and CEDES also invited to:

MathWorks Seminar:

**13h00 Model-based Design for Control Systems with Simulink
including Production Code Generation**

13h00 - 14h00 Development of a Robot Arm Control System

14h15 - 15h00 Overview of Model-Based Design and Demonstration of Simulink and Stateflow

15h15 - 16h30 Production Code Generation from Simulink Models

16h30 Questions and wrap-up

Registration to all seminars for those who get this program invited through EMTECH, FIEV and FKG : fill in enclosed Registration Form and send to

nina.dhejne@home.se or call Nina Dhejne 08-660 56 94 or 0705 88 44 54

We apologize if you receive more than one invitation – due to many different and separate lists from our participating organisations.