

SystemC AMS & COSIDE® User Group Meeting Program 2014

Date: October 16, 2014

Location: Fraunhofer EMFT, HansasträÙe 27 d, 80686 Munich, Germany

09:00 Registration & Welcome Coffee

09:15 – 09:30 Welcome Speech

Thomas Hartung, Marketing & Sales COSIDE®, Fraunhofer IIS/EAS

09:30 – 09:55 The next generation ESL design flow around the SystemC AMS standard

Martin Barnasconi, NXP Semiconductors

09:55 – 10:20 Development of a modern Airbag System Prototype using COSIDE®

Thang Nguyen, Infineon Austria GmbH

10:20 – 11:00 Coffee Break & COSIDE® Partner Exhibition

11:00 – 11:25 What`s new in COSIDE® 2.0 & Forecast for 2015

Karsten Einwich, Fraunhofer IIS/EAS

11:25 – 11:50 SystemC AMS / TLM Virtual Prototype for Telecommunication Systems using COSIDE®

Gerhard Nössing, Lantiq A GmbH

11:50 – 12:15 Usage of SystemC AMS MDVP for virtual prototyping of a MEMS application

Olivier Guillaume & Fabio Cenni, STMicroelectronics

12:15 – 13:45 Lunch Break & Networking

13:45 – 14:10 COSIDE® Use Cases & Applications

Thomas Arndt, Fraunhofer IIS/EAS

14:10 – 14:35 Virtual prototyping of a solenoid injector control of a power-train automotive system using SystemC AMS and AMESIM

Christoph Marigo, Continental Automotive France SAS

14:35 – 15:00 COSIDE® research and services at Fraunhofer

Stephan Schulz, Fraunhofer IIS/EAS

15:00 – 15:45 Coffee Break & COSIDE® Partner Exhibition

15:45 – 16:10 Formal Verification of UML Statechart Diagrams with COSIDE®

Karin Greimel, NXP Semiconductors Austria GmbH

16:10 – 16:35 Virtual Test with TestC® in COSIDE®

Michael Rieck, Viconnis Test Technologie GmbH

16:35 – 17:00 Wrap-up & Farewell