

## Opportunities for dual-use technologies: Components

Avenue Beaulieu 25, room S1, Brussels

28 June 2016

### Agenda

09:00 **Registration**

09:30 **COMPONENTS: A DUAL-USE TECHNOLOGY: SETTING THE SCENE**

**Introductory remarks by**

**Khalil Rouhana, Director EC**

**Denis Roger, Director EDA**

**Bert De Colvenaer, Executive Director ECSEL-JU**

10:00 **RELIABILITY, THERMAL MANAGEMENT AND ROBUSTNESS – moderated by Nikolaos Kyrloglou (EC)**

**Innovative Nano and Micro Technologies for Advanced Thermo and Mechanical Interface (NANOTHERM)**

André Cardoso, NANIMUM S.A

**Miniaturization and Ruggedization for 3D Packaging (PERU) and Thermal Management of Hot Spots**

Claude Sarno, Thales

11:00 **Questions and Answers**

11:15 **COFFEE BREAK**

11:30 **RF COMPONENTS AND III-V TECHNOLOGIES – moderated by Wolfgang Scheidler (EDA)**

**Optimal SiC subRates for Integrated Microwave and Power Circuits (OSIRIS)**

Sylvain Delage, III-V Lab

**A Micromachined Heterogeneous Integration Platform for THz Systems (M3TERA)**

Franz Dielacher, Infineon Technologies Austria AG

**EUGANIC and MAGNUS in context to the European GaN supply chain for Microwave Applications**

Klaus Beilenhoff, UMS and Patrick Gremillet, Thales

12:45 **Questions and Answers**

13:00 **LUNCH BREAK**

14:00 **ADVANCED DIGITAL COMPONENTS - moderated by Yves Gigase (ECSEL)**

**DEep SubMicron System-on-Chip (SoC) for Harsh Environment applicaTions using EuRopean Technologies (DEMETER)**

François Martin, STMicroelectronics

**ATHENIS\_3D: 3D integration of heterogeneous technologies for high voltage and high temperature applications**

Ewald Wachmann, Senior Manager Process R&D, ams AG

**System-on-chip (SoC) as an enabler for future Defence applications**

Hans Brugger, Airbus DS Electronics and Border Security GmbH

15:00 **Questions and Answers**

15:15 **PANEL DUAL-USE, DUAL-BENEFITS**

**Moderated by Alun Foster (ECSEL)**

Bryan Wells (UK MoD), Thierry Tingaud (STM), Paul Anciaux (DG GROW), Jouni Latti (ESA)

16:00 **CONCLUSIONS AND WAY AHEAD**

**Panagiotis Kikiras (EDA)**

**Willy Van Puymbroeck (EC)**