



Floor plan Meeting Centre 2:

## **THURSDAY (ROOM HAMBURG)**

16:30-16:45 **Opening: Martin Keim**

16:45-17:30 Keynote

17:30-18:00 Refreshments

18:00-18:45 **TUTORIAL 1**

- System Level Coordination of Multiple-Standard DfT  
*Michele Portolan*

18:45-19:15

- Scope and Purpose of IEEE P1687.1 – An Overview  
*Al Crouch, Jeff Rearick*

19:15-21:00 Panel with Reception (food & bar)

## **FRIDAY (ROOMS BANGKOK/HANOI)**

**08:30-10:00 SESSION 1**

**Chair:** Adit Singh, Auburn, USA

- Interactive mixed-signal testing through 1687  
*Michele Portolan, Manuel Barragan, Hani Malloug and Salvador Mir*
- Integration of IJTAG Test and Trim Islands in I<sup>2</sup>C Legacy Designs  
*Hans Martin von Staudt and Alexios Spyronasios*
- Towards a suite of IEEE 1687 benchmark networks  
*Anton Tsertov, Artur Jutman, Sergei Devadze, Matteo Sonza Reorda, Erik Larsson, Rene Krenz-Baath, Farrokh Ghani Zadegan and Riccardo Cantoro*

10:00-10:30 Coffee

**10:30-12:00 SESSION 2**

**Chair:** Juergen Schloeffel, Mentor Graphics, Germany

- IEEE1687 Bottom-up Test Development and Debug Methodology  
*Mahmoud Abdalwahab and Tom Waayers*
- One Hierarchical, Hybrid Scan & IJTAG Access Network to Rule them All  
*Martin Keim, JF Cote, Albert Au, Artur Pogiel, Aubin Roy, Jonathan Gaudet, Luc Romain and Wei Zou*
- Autonomous Testing for 3D-ICs with IEEE Std. 1687  
*Jin-Cun Ye, Michael Kochte, Kuen-Jong Lee and Hans-Joachim Wunderlich*

12:00-13:00 Lunch

**13:00-13:45 TUTORIAL 2**

- In-Field System-Health Monitoring based on IEEE 1687  
*Artur Jutman and Erik Larsson*

13:45-14:15 Coffee

**14:15-16:15 SESSION 3**

**Chair:** Kim Petersen, HDC, Sweden

- Retargeting Challenges in IEEE 1687 Networks  
*Farrokh Ghani Zadegan, Rene Krenz-Baath, Erik Larsson and Artur Jutman*
- Test, Validation and Diagnosis of IEEE 1687 Networks  
*Riccardo Cantoro, Matteo Sonza Reorda, Farrokh Ghani Zadegan, Erik Larsson, Artur Jutman and Sergei Devadze*
- Online Management of Temperature Health Monitors using the IEEE 1687 Standard  
*Ghazanfar Ali, Ahmed Badawy and Hans Kerkhoff*
- On Safety and Security Aspects of IEEE 1687 Networks  
*Matthias Beck and Piet Engelke*

**16:15 Closing**