

Workshop Agenda

AACD 2009 – Piratensalen, Grand Hotel

March 31 Smart Data Converters

Chairman **Arthur van Roermund**
Eindhoven University of Technology

- 8.00 Registration, Piratensalen
- 8.45 Opening
- 9.00 **Bang-Sup Song** (UCSD) "LMS-based Digital Assisting for Data Converters"
- 9.45 **Imran Ahmed** (University of Toronto) "Pipelined ADC Digital Calibration Techniques and Tradeoffs"
- 10.30 Coffee break
- 11.00 **Hans Van de Vel** (NXP) "High-Resolution and Wide-Bandwidth CMOS Pipeline AD Converters"
- 11.45 **Christian Vogel** (ETH) "A Signal Processing View on Time-Interleaved ADCS"
- 12.30 Lunch
- 14.00 **Georgi Radulov** (Eindhoven University of Technology) "Smart and Flexible DA Converters, Classification and Design"
- 14.45 **Martin Clara** (Infineon) "Smart CMOS D/A-converters for Embedded Applications"
- 15.30 Coffee break
- 16.00 Panel discussion
- 19.00 Gala dinner, Pelarsalen

April 1 Filters on chip

Chairman **Herman Casier**

- 9.00 **Lars Wanhammar** (Linköping University) "Synthesis of Low-Sensitivity Analog Filters"
- 9.45 **Aydin Karsilayan** (Texas A&M University) "Continuous-Time Filters with On-Chip Tuning"
- 10.30 Coffee break

- 11.00 **Andrea Baschirotto** (University of Milano-Bicocca) "Source-Follower-Based Continuous Time Analog Filters",
- 11.45 **Jan Vandebussche** (AnSem) "Reconfigurable Active-RC Filters with High Linearity and Low Noise for Home Networking Applications"
- 12.30 Lunch
- 14.00 **Vaibhav Maheshwari** (Delft University of Technology) "On-chip instantaneously companding filters for wireless communications"
- 14.45 **Andreia Cathelin** (STMicroelectronics) "BAW-IC Co-Integration Tunable Filters at GHz frequencies"
- 15.30 Coffee break
- 16.00 Panel discussion
- 19.00 Social dinner, Godset

April 2 **Multimode transmitters**

Chairman **Michiel Steyaert**
Catholic University, Leuven

- 8.00 **Earl McCune** (Panasonic) "Multimode Transmitters - Easier with Strong Nonlinearity"
- 8.45 **Bo Berglund & Ulf Gustavsson** (Ericsson) "Power Amplifiers for Base Stations Possibilities and Challenges"
- 9.30 Coffee break
- 10.00 **Jan van Sinderen** (NXP) "Multi-mode Transmitters in CMOS"
- 10.45 **Patrick Reynaert** (KULeuven) "Challenges for Mobile Terminal CMOS Power Amplifiers"
- 11.30 Lunch
- 13.00 **Antoine Frappé** (BWRC) "Multimode Transmitters with SD-based All-Digital RF Signal Generation"
- 13.45 **Henrik Sjöland** (Lund University) "Switched Mode Transmitter Architectures"
- 14.30 Coffee break
- 15.00 Panel discussion
- 16.00 Closing