

## **Preliminary Program**

### **CANEUS HARSH ENVIRONMENT WORKSHOP, SEPTEMBER 25-26, 2008**

**Location: CSEM Building, Rue Jaquet Droz 1, 2000 Neuchâtel, Switzerland**  
**phone +41 (0)32 720 51 11**

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#### **Thursday, 25<sup>th</sup> September 2008**

08h30: *Registration*

09h00- 10h15: *Opening Session*. Chair: Nico de Rooij.

- Welcome address by director of CSEM Thomas Hinderling.
- What is a harsh Environment (End User perspective) by Denis Chapius of the CTO office at EADS-Astrium.
- CANEUS objectives by Jan Suski from MEMSFIELD.

10h15-10h45: coffee break

10h45-12h30: *End User's Requirements*.

- Aeronautics (incl. health monitoring), speaker from Airbus Industries.
- Space – Telecom and EO, speaker from Astrium Toulouse.
- Space – Scientific Payload, speaker from ESA (European Space Agency).
- 20 minutes round table with speaker from this session.

12h30-14h00: lunch

14h00-15h45: *Technology Providers 1*. Chair: Ulrich Schmid

- Speaker from Colibrys, Neuchâtel, Switzerland.
- Micro Systems Engineering GmbH, Germany, "LTCC as an High Reliable Board Technology for RF- and Sensor- Microsystem Applications", Christian Zeilmann.
- Micropelt GmbH, Germany, "Micropelt Thermoelectric Thin Film Devices for the Use in Power Generation and Sensing Applications", Joachim Nurnus
- Speaker from AIS (Atlantic Inertial System) MEMS IMU
- National Research Council Canada , Fourier-transform waveguide interferometer arrays for spectroscopic sensing, Pavel Cheben.

15h45 -16h15: coffee break

16h15-17h45: *Technology Providers 2*. Chair: Herbert Shea

- CSEM/IMT/Vibrometer, Danick Briand from IMT Institute of Microtechnology.
- First Sensor Technology GmbH, Germany, "Piezoresistive pressure sensors for harsh environments", Peter Krause.
- SIMTECH Singapore, Albert Lu Chee Wai , title "Multi-functional Substrate Technologies for Advanced Electronics and Microsystems".
- Saarland University, Germany, Ulrich Schmid.

18h30: Aperitif and wine tasting at the Caves de la Ville (next to Hotel du Peyrou)

20h00: Gala dinner at Hotel du Peyrou ([www.dupeyrou.ch](http://www.dupeyrou.ch), phone 032 725 11 83) with Keynote Speaker.

## **Friday, 26th September 2008**

09h00- 10h00: *Poster Session*. Chair: Nico de Rooij

10h00 -10h30: coffee break

10h30- 12h30: *Working Group meetings*

- 1) Aeronautics.
- 2) Space -- Telecom and Earth observation.
- 3) Space -- Launcher and space exploration.
- 4) Funding.

12h30-14h00: lunch

14h00-16h00: *Conclusions and action from WG meetings*

- Moderator presentations
  - Roundtable discussion
  - Funding mechanisms
    - o Eurogia
    - o EC (Euresearch )
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