
*Welcome to the
Microelectronics
Presentation Days 2004*

***4th and 5th of February 2004
ESTEC, Fresnel 1/2***



Microelectronics Section



Introduction to MPD2004

(1)

Outline of the Event

◆ **28 presentations grouped by themes in 4 sessions**

- ▲ Technologies and Design Methodology
 - » Activities aiming to ensure the availability of state-of-the-art chip technologies and development methodologies for the space industry
- ▲ Processors, System-On-Chip and On-Board Data Handling
 - » LEON processor developments, devices, IP-cores and SOC developments for data processing, TM/TC and OBDH
- ▲ Navigation and Signal Processing
 - » Developments in the domain of satellite navigation (GNSS, Gyroscope), turbo coding and autocorrelation spectrometers
- ▲ Imaging and Mixed Signal
 - » Image sensors, -cameras, -compression and –processing; analog and mixed signal developments for various applications

The Microelectronics Section

- ◆ **100% staff turnover in the last four years**
 - ▲ Departure of important key personnel
 - ▲ New recruitments
- ◆ **Current staff of the Microelectronics Section**
 - ▲ Juan Carlos **De Mateo Garcia**
 - ▲ Omar **Eljamaly**
 - ▲ Agustín **Fernández León**
 - ▲ Boris **Glass**
 - ▲ Daniel **Gonzalez Gutierrez**
 - ▲ Laurent **Hili**
 - ▲ Roland **Weigand**
- ◆ **Reorganisations**
 - ▲ 2003: Data Systems Division (TOS-ED) led by Philippe **Armbruster**
 - ▲ 2004, global reorganisation: Directorate TOS (Technical/Operational Support) renamed to TEC (Technical and Quality Management), separated from ESOC
 - ▲ New director TBD (Claudio Mastracci?)
 - ▲ In the future, our address code will be **TEC-EDM**

*We have a tight
schedule*



Let's Start