

## **Session Program**

**Dec 3 - 4, 2012**

# **Topical Workshop: FPGAs in Research - Applications, Technologies and Tools**

## **Talks MO1**

Zentralinstitut für Elektronik, Forschungszentrum Jülich, Room 110 in Building 2.5

# Mon, December 3

1:00 PM

## Talks MO1

**Session** | **Location:** Zentralinstitut für Elektronik, Forschungszentrum Jülich, Room 110 in Building 2.5

**13:00 – 13:05 Introduction**

**Speaker**

Mr Harald Kleines

**13:05 – 13:20 Zentralinstitut für Elektronik - Facts, Figures, Tasks & Topics**

**Speaker**

Mr Harald Kleines

**13:20 – 14:00**

**FPGA-basierte digitale Gamma-Spektroskopie zur Überwachung der Umweltradioaktivität**

**Speaker**

Dr Markus Dambacher

**14:00 – 14:25 FPGA-based Tomographycameras**

**Speakers**

Mr Jörg Burmester, Mr Jörn Plewka

**14:25 – 14:50**

**FPGA-based algorithm for center of gravity calculation of clustered signals using RAM for history storing**

**Speaker**

Dr Andriy Ushakov

**14:50 – 15:15 Development of a FPGA based DAQ for digital SiPM's using USB 3.0**

**Speaker**

Mr Holger Noeldgen

3:15 PM