

## **Session Program**

**11-15 Feb 2013**



# **13th Vienna Conference on Instrumentation - VCI2013**

## ***Electronics***

Vienna University of Technology  
Gußhausstraße 25-29, 1040 Wien (Vienna), Austria

# Thursday 14 February

14:00

## Electronics

**Session** | **Location:** Vienna University of Technology, Gußhausstraße 25-29, 1040 Wien (Vienna), Austria | **Convener:** Dr Markus Friedl

14:00–14:20

### A Tracker for the Mu3e Experiment based on High-Voltage Monolithic Active Pixel Sensors

**Speaker**

Niklaus Berger

14:25–14:45

### Optimisation of CMOS pixel sensors for high performance vertexing and tracking

**Speaker**

Jerome Baudot

14:50–15:10

### Monolithic pixel detectors with 0.2 um FD-SOI pixel process technology

**Speaker**

Dr Toshinobu Miyoshi

15:15–15:35

### 3-Dimensional ASIC Development at Fermilab

**Speaker**

erik ramberg

15:40

16:30

## Electronics

**Session** | **Location:** Vienna University of Technology, E17 | **Convener:** Hartmut Sadrozinski

16:30–16:50

### The first fully functional 3D CMOS chip with Deep N-well active pixel sensors for the ILC vertex detector

**Speaker**

Dr Gianluca Traversi

16:55–17:15

### The TDCpix readout ASIC: a 75 ps resolution timing front-end for the NA62 Gigracker hybrid pixel detector

**Speaker**

Alex Kluge

17:20–17:40

### First Results from Medipix in Space

**Speaker**

Prof. Lawrence Pinsky

17:45–18:05

### The ATLAS Muon Trigger - Experiences and Performances in the first 3 years of LHC pp runs

18:10

**Speaker**  
Andrea Ventura