

## **Session Program**

**19-21 Nov 2014**

# **25th RD50 Workshop (CERN)**

## ***LGAD***

CERN, 500/1-001 - Main Auditorium

503-1-001 (Council Chamber) on 19th Nov ; 500-1-001(Main auditorium) on 20th in the morning and 4-3-006 (TH auditorium) in the afternoon; 500-1-001(Main auditorium) on 21st Nov.

# Thursday 20 November

13:30

## LGAD

**Session** | **Location:** CERN, 4/3-006 - TH Conference Room | **Conveners:** Virginia Greco, Hartmut Sadrozinski

**13:30-13:50** **Bulk defect investigations for proton irradiated sensors**

**Speaker**

Alexandra Junkes

**13:50-14:10** **The new IRRAD facility at CERN**

**Speaker**

Maurice Glaser

**14:10-14:30**

**Study of Low-dose Radiation Resistance of Sidewall Passivation on p-type SCP Devices**

**Speaker**

Vitaliy Fadeyev

**14:30-14:50**

**Long-term HV stability of the collected charge in charge multiplication sensors**

**Speakers**

Christopher Betancourt, Susanne Kuehn

**14:50-15:10**

**Effects of irradiation on LGAD devices with high excess current**

**Speaker**

Gregor Kramberger

**15:10-15:30**

**Measurements on segmented LGAD devices**

**Speaker**

Emanuele Cavallaro

**15:30-16:00**

**Coffee**

**16:00-16:20**

**Measurements on thin LGAD Sensors**

**Speaker**

Hartmut Sadrozinski

**16:20-16:40**

**Design and Fabrication of an Optimal Peripheral Region for the LGAD**

**Speaker**

Dr Pablo Fernández-Martínez

**16:40-17:00**

**First results on the timing resolution properties of LGAD**

**Speaker**

Mr Nicolo Cartiglia

**17:00-17:30**

**Discussion on LGAD and Fast Timing**

18:10

**Speaker**  
Virginia Greco