

**Session Program**

**3-5 Jun 2013**

**22nd RD50 Workshop (Albuquerque, USA)**

***Session 5: Detectors and Full Detector  
Systems***

University of New Mexico, Student Union Building  
Albuquerque, New Mexico, USA

# Wednesday 5 June

09:00

## Session 5: Detectors and Full Detector Systems

**Session** | **Location:** University of New Mexico, Student Union Building, Albuquerque, New Mexico, USA | **Conveners:** Michael Moll, Gregor Kramberger

09:00–09:20

### Irradiation study of different silicon materials for the CMS tracker upgrade

**Speaker**

Joachim Erfle

09:20–09:40

### Test beam results from CMS strip sensor upgrade studies

**Speaker**

Lenny Spiegel

09:40–10:00

### Long-term Charge Collection Efficiency (CCE) measurements on multi-geometry strip sensors

**Speaker**

Alex Edward Garabedian

10:00–10:20

### Studies of thin irradiated n-in-p planar pixel sensor at different beam incidence and characterization of the new CiS n-in-p pixel production

**Speaker**

Stefano Terzo

10:20–10:50

### Coffee Break

10:50–11:10

### Characterization of active edge planar pixels produced at VTT before and after irradiation

**Speaker**

Anna Macchiolo

11:10–11:30

### A Portable Telescope Based on the Alibava System for Test Beam Studies

**Speaker**

Dean Charles Forshaw

11:30–11:50

### Silicon Sensors Irradiation Study for ILC Extreme Forward Calorimetry

**Speaker**

Vitaliy Fadeyev

11:50–12:10

### Performance of capacitively coupled active pixel sensors in 180 nm HV CMOS technology irradiated to HL-LHC fluences

**Speaker**

Daniel Muenstermann

12:10-12:30

**Semiconductor Detectors as Radiation Monitors**

**Speaker**

Ulrich Parzefall

12:30-13:00

**Discussion on Full Detector Systems**

**Speaker**

Gregor Kramberger

13:00