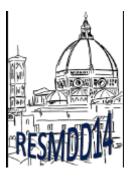
# **Session Program**

8-10 Oct 2014



# 10th International Conference on Radiation Effects on Semiconductor Materials, Detectors and Devices

# **Poster Session**

Firenze, Italy Dipartimento di Fisica ed Astronomia Universita' di Firenze Largo E. Fermi 2, Firenze, Italy

# **Thursday 9 October**

#### 14:30

# **Poster Session**

Session | Location: Firenze, Italy, Dipartimento di Fisica ed Astronomia Universita' di Firenze Largo E. Fermi 2, Firenze, Italy

#### 14:30-14:40

Study on the Total Ionizing Dose Effects of SiGe HBTs Irradiated with 60Co y Rays

Speaker

Prof. Zheng Li

### 14:40-14:50

## Simulation of Synergistic Effects on Lateral PNP Bipolar Transistors induced by Neutron and Gamma Irradiation

**Speaker** Ms Chenhui Wang

#### 14:50-15:00

### Radiation tests of pixel readout chip designed in 40nm CMOS technology

**Speaker** Tadeusz SATŁAWA

#### 15:00-15:10

ATLAS Pixel IBL modules construction experience and developments for future upgrade

**Speaker** Andrea Gaudiello

#### 15:10-15:20

# Development of a bidimensional dosimeter for IMRT based on polycrystalline diamond

**Speakers** Margherita Zani, Monica Scaringella

## 15:20-15:30

### Belarusian HPHT diamonds. Material properties and detector characteristics

Speaker Leonid Makarenko

#### 15:30-15:40

Primary Experimental Radiation Effects Results of 28 Nanometer Configuration System-on-Chip(Xilinx Zynq-7010 SoC)

Speaker

Dr Shuhuan Liu

#### 15:40-15:50

Simulation of Single Event Upset in SRAMs Induced by low Energy Proton With Geant4

**Speaker** Mr yonghong li

# 15:50-16:10

Primary Design and Numerical Simulation Studies on 3D Si SOI Microdosimeter

# Speaker

Dr Shuhuan Liu

16:10