

## **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 Università 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 $^{60}\text{Co}$ $\gamma$ 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