

Session Program

18-20 Feb 2013

8th "Trento" Workshop on Advanced Silicon Radiation Detectors (3D and p-type)

Microfabrication

FBK, Trento, "Stringa" Conference Hall
Via Sommarive, 18 38123 Povo - Trento ITALY

Wednesday 20 February

09:20

Microfabrication

Session | **Location:** FBK, Trento, "Stringa" Conference Hall, Via Sommarive, 18 38123 Povo - Trento ITALY | **Convener:** Hartmut Sadrozinski

09:20-09:40

Studies on enhanced silicon detector cooling and integration through microfabrication techniques at CERN

Speakers

Giulia Romagnoli, Paolo Petagna

09:40-10:00

Silicon Buried Channels for Pixel Detector Cooling

Speaker

Sabina Ronchin

10:00-10:20

Microfluidic scintillation detectors for hadron therapy and high energy physics

Speaker

Pietro Maoddi

10:20-10:40

3D-S: A fast, high resolution, low-mass, detector with embedded cooling and internal charge multiplication capability

Speaker

Dr Cinzia Da Via

10:40-11:00

A new 3D PIN diode structure for neutron detection

Speaker

Sabina Ronchin

11:00