

## **Session Program**

**4-6 Feb 2025**

# **20th Anniversary "Trento" Workshop on Advanced Silicon Radiation Detectors**

## ***Wide bandgap semiconductor detectors***

FBK, Trento, Sala Stringa  
Via Sommarive 18 38123 Povo di Trento ITALY

# Tuesday 4 February

11:10

## Wide bandgap semiconductor detectors

**Session** | **Location:** FBK, Trento, Sala Stringa, Via Sommarive 18 38123 Povo di Trento ITALY | **Convener:** Thomas Bergauer

11:10-11:40

### Silicon carbide detectors: from material advantage to new applications

**Speaker**

Dr Francesco La Via

11:40-12:00

### Silicon Carbide Detector Development for HEP and Medical Applications

**Speaker**

Andreas Gsponer

12:00-12:20

### Silicon Carbide Diodes at IMB-CNM: Advancing High-Precision Dosimetry for FLASH Radiotherapy

**Speaker**

Dr Celeste Fleta

12:20-12:35

### A Wide Dynamic Range Beam Monitor for Ion Therapy Machines

**Speaker**

Simon Emanuel Waid

12:35-12:50

### Observation of bias-dependent position flipping of the electric field maximum in neutron irradiated SiC diodes

**Speaker**

Cristian Quintana San Emeterio

12:50