

**Session Program**

**4-6 Feb 2025**

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

***Applications 2***

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

# Thursday 6 February

11:00

## Applications 2

**Session** | **Location:** FBK, Trento, Sala Stringa, Via Sommarive 18 38123 Povo di Trento ITALY | **Conveners:** Claudia Gemme, Claudia Gemme

11:00-11:30

### Vertex detector requirements for Higgs, Electroweak and Top Factories

**Speaker**

Fabrizio Palla

11:30-11:50

### High-Resolution, High-Dynamic-Range Charge Detector for Ion Beam Monitoring

**Speaker**

Oleksandr Starodubtsev

11:50-12:10

### DarkSide-20k large area light detection with FBK NUV-HD-Cryo triple dose SiPMs

**Speaker**

Alan Taylor

12:10-12:25

### Performance of the CMS pixel detector during the LHC Run 3

**Speaker**

Davide Zuolo

12:25-12:40

### Silicon tracker requirements at a multi-TeV Muon Collider

**Speaker**

Nazar Bartosik

12:40