

# Updates on Thin Silicon Sensors for the eXtreme Fluences

*Wednesday 4 December 2024 12:10 (20 minutes)*

An update on the recent progress from the investigation on thin silicon sensors for extreme fluences will be given.

Results from thin sensors with and without gain will be presented and an overview of future developments will be discussed.

## **Type of presentation (in-person/online)**

in-person presentation

## **Type of presentation (I. scientific results or II. project proposal)**

I. Presentation on scientific results

**Authors:** FONDACCI, Alessandro (INFN Perugia (IT)); ALTAMURA, Anna Rita (Universita e INFN Torino (IT)); MOROZZI, Arianna (INFN, Perugia (IT)); BISHT, Ashish; PASSERI, Daniele (University & INFN, Perugia (IT)); SIVIERO, Federico (INFN - National Institute for Nuclear Physics); MOSCATELLI, Francesco (IOM-CNR and INFN, Perugia (IT)); PATERNOSTER, Giovanni (Fondazione Bruno Kessler); LANTERI, Leonardo (Universita e INFN Torino (IT)); MENZIO, Luca (Universita e INFN Torino (IT)); COSTA, Marco (Universita e INFN Torino (IT)); FERRERO, Marco (Universita e INFN Torino (IT)); OBERTINO, Maria Margherita (Universita e INFN Torino (IT)); CENTIS VIGNALI, Matteo (FBK); DURANDO, Matteo (Universita e INFN Torino (IT)); BOSCARDIN, Maurizio (FBK Trento); PASTRONE, Nadia (Universita e INFN Torino (IT)); CARTIGLIA, Nicolo (INFN Torino (IT)); WHITE, Robert Stephen (Universita e INFN Torino (IT)); ARCIDIACONO, Roberta (Universita e INFN Torino (IT)); GIORDANENGO, Simona (INFN Torino); GALLETTO, Simone (Torino University and INFN); CROCI, Tommaso; SOLA, Valentina (Universita e INFN Torino (IT))

**Presenter:** SOLA, Valentina (Universita e INFN Torino (IT))

**Session Classification:** WG3 - Radiation Damage