

Session Program

4-6 Feb 2025

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

LGAD 3

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

Thursday 6 February

16:00

LGAD 3

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

16:00–16:20

Single-Particle Counting with LGAD Detectors in Therapeutic Proton Beams

Speaker

Leszek Grzanka

16:20–16:40

Impact of high deposited energy on Single Event Burnout in LGADs

Speaker

Gabriele D'Amen

16:40–17:00

Synchrotron light source focused X-ray detection with LGADs, AC-LGADs, TI-LGADs and integrated chip readout

Speaker

Dr Simone Michele Mazza

17:00–17:20

First experimental time-of-flight-based proton and helium radiography using low gain avalanche diodes

Speaker

Dr Felix Ulrich-Pur

17:20–17:40

Test beam characterisation of the first DC-coupled Resistive Silicon Detector FBK production

Speaker

Nicolo Cartiglia

17:40