



Course on

Silicon Detectors

September, 16-17, 2015

Sala Consiglio, Main Building of FBK
Via Sommarive 18, Fondazione Bruno Kessler

- The course aims to introduce to Silicon Detectors
- The target audience is post-docs and PhD students involved in the project SiQuro. Other collaborators are also invited to participate.
- The course is free, but subscription is mandatory.
- Travel, accommodation and meal expenses are not reimbursed by the organizers.

Program

Wednesday, September 16, 2015

14:00-14:30 *Introduction to silicon radiation detectors, Dr. Claudio Piemonte*

14:30-16:00 *Detector types and microfabrication techniques at FBK, Dr. Nicola Zorzi*

16:00-18:00 *Low-level light sensors: SPADs and SiPMs, Dr. Alberto Gola and Dr. Fabio Acerbi*

Thursday, September 17, 2015

09:00-10:00 *Detectors for the MIR, Dr. Mattia Mancinelli*

10:00-12:00 *Detectors and read-out electronics in state of the art CMOS technologies, Dr. Nicola Massari and Leonardo Gasparini*

Lunch break

14:00-18:00 *Laboratory visit and demo*