

Session Program

21-24 Jun 2022



The 40th RD50 Workshop (CERN)

IRRAD

CERN, 6/2-024 - BE Auditorium Meyrin

Wednesday 22 June

14:10

IRRAD

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin

14:10–14:30 **Update on the ATLAS ITk Silicon Strip Sensors - Pre-production**

Speaker

Thomas Koffas

14:30–14:50

Study of depth-dependent charge collection profiles in irradiated pad diodes

Speaker

Mohammadtaghi Hajheidari

14:50–15:10

Surface and bulk properties of silicon sensors obtained from quality control test structures for the CMS experiment

Speaker

Veronika Kraus

15:10–15:30

Advanced approach for parameterization of the current generation centers in irradiated silicon sensors

Speaker

Ms Daria Mitina

15:30–15:35

Announcement: Special Journal Issue on "Radiation Sensors and Detectors"

Speakers

Michael Moll, Xin Shi

15:35–16:00 **Coffee break**

16:00–16:20

Charge carrier mobility investigation in p-type Si after 6MeV electron irradiation

Speaker

Dr Algirdas Mekys¹

16:20–16:40

Influence of radiation damage on the absorption of near-infrared light in silicon

Speaker

Annika Vauth

16:40–17:00 **Polymer Based Ionizing Radiation Detectors**

Speaker

Sadullah Ozturk

17:00–17:30 **Discussion: IRRAD**

17:35

Speaker
Prof. Marko Mikuz