Session Program

20–22 Nov 2017

31st RD50 Workshop (CERN)

Defects and material characterisation

CERN, 6/2-024 - BE Auditorium Meyrin
6-2-024

Monday 20 November

13:30

Defects and material characterisation

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

13:30–13:50

Photoconductivity and magnetoresistance mobility in the irradiated to 1015-1017 cm-2 neutron fluence Si

Speaker

Prof. Juozas Vaitkus

13:50–14:10 **TLM method for active doping profile evaluation**

Speaker

Prof. ABDENOUR LOUNIS

14:10–14:30 **Study of point- and cluster-defects in radiation-damaged silicon**

Speaker

Joern Schwandt

14:30–14:50

Study of the ionizing energy depositions after fast neutron interactions in silicon

Speakers

Benedikt Ludwig Bergmann, Stanislav Pospisil

14:50–15:10 **Electrically active defects in 4H-SiC**

Speaker

Dr Ivana Capan

15:10–15:30 **Update on NitroStrip project**

Speaker

Marta Baselga Bacardit

15:30–16:00 **Coffee Break**

16:00–16:20 **Acceptor removal in silicon pad diodes with different resistivities**

Speakers

Mr Pedro Goncalo Dias De Almeida, Yana Gurimskaya, Isidre MATEU

16:20–16:40 **TSC Measurements of Acceptor Removal**

Speaker

Yana Gurimskaya

16:40–17:10 **Discussion**

Speakers

Ioana Pintilie, Michael Moll

17:10