

Session Program

5-8 Dec 2011

8th International "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking Detectors, Taipei, Taiwan

Simulations and Manufacturing

Academia Sinica, Activity Center
128 Academia Road, Section 2, Nankang, Taipei 115, Taiwan

Monday 5 December

09:10

Simulations and Manufacturing

Session |

Location: Academia Sinica, Activity Center, 128 Academia Road, Section 2, Nankang, Taipei 115, Taiwan |

Convener: Suen Hou

09:10–09:40

Silicon Sensors for High-Radiation Tracking Detectors - RD50 Status Report

Speaker

Alexandra junkes

09:40–10:00

Complete suppression of reverse annealing of neutron radiation damage during active gamma irradiation in MCZ Si detectors

Speaker

Zheng Li

10:00–10:20

New results of charge multiplication in irradiated segmented silicon detectors with special strip processing

Speaker

Dr Gianluigi Casse

10:20–10:40

Alumina and silicon oxide side wall passivations for p- and n-type sensors

Speaker

Marc Christophersen

10:40

11:10

Simulations and Manufacturing

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Convener: Takashi Ohsugi

11:10–11:30

3D slim edge silicon sensors: processing, yield and QA for the ATLAS IBL production

Speaker

Dr Cinzia Da Via

11:30–11:50

Impact of the layout on the electrical characteristics of double-sided silicon 3D sensors fabricated at FBK

Speaker

Mr Marco Povoli

11:50–12:10

Status of 3D double sided detector fabrications and their applications at CNM-IMB

Speaker

Dr Giulio Pellegrini

12:10-12:30

Monolithic and hybrid pixel sensors in vertically integrated CMOS technology for vertexing applications

Speaker

Dr Lodovico Ratti

12:30