

Session Program

20-23 Jun 2023

**42nd RD50 Workshop on Radiation Hard
Semiconductor Devices for Very High
Luminosity Colliders (Montenegro)**

Monolithic devices

Hotel Regent Porto Montenegro, Conference Hall
Obala bb, Tivat 85320, Montenegro

Wednesday 21 June

09:00

Monolithic devices

Session | **Location:** Hotel Regent Porto Montenegro, Conference Hall, Obala bb, Tivat 85320, Montenegro |
Convener: Eva Vilella Figueras

09:00–09:20

Status of the characterization and radiation-hardness of the LF-Monopix2 DMAPS prototype

Speaker

Ivan Dario Caicedo Sierra

09:20–09:40

Design strategies towards a small pixel size in a large DMAPS prototype in a 150 nm CMOS process

Speaker

Tianyang Wang

09:40–10:00

Performance of unirradiated TJ-Monopix2

Speaker

Christian Bepin

10:00–10:20

Timing performance of the RD50 HV-CMOS

Speaker

Uwe Kramer

10:20–10:40

Latest Testbeam Results of RD50-MPW3 and Design of RD50-MPW4

Speaker

Patrick Sieberer

10:40–11:10

Discussion: Monolithic devices

Speaker

Eva Vilella Figueras

11:10–11:40

Coffee Break

11:40