



# The 39th RD50 Workshop (Valencia)

## Friday 19 November 2021

### Pixel Sensors and Monolithic Devices: Pixel Sensors and Monolithic Devices (09:10 - 12:10)

-Conveners: Ricardo Marco Hernandez

time	[id] title	presenter
09:10	[35] Soft X-Ray Low Gain Avalanche Detectors with 55um pitch for Imaging Applications using Timepix4 ASIC	MOFFAT, Neil
09:30	[23] Performance studies of Low Gain Avalanche Detectors (LGAD) coupled to the Timepix3 ASIC	Dr MANEUSKI, Dima
09:50	[46] HVCMOS pixel characterization with the RBI Microprobe	PALOMO PINTO, Francisco Rogelio VILELLA FIGUERAS, Eva POWELL, Samuel PROVATAS, Georgios
10:10	[15] Guard-ring optimisation for sensors in LFoundry 150nm CMOS technology for the RD50-MPW3 submission	ZHANG, Sinuo
10:30	[12] Performance of irradiated RD53A pixel modules with passive CMOS sensors	MACCHIOLO, Anna
10:50	Coffee Break	
11:20	[40] Evaluation of MOS and Gated Diode Devices of the ATLAS ITk Test Chip	Mr STAATS, Ezekiel
11:40	[53] Discussion: Pixel, 3D and CMOS sensors	VILELLA FIGUERAS, Eva