



# International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (PIXEL2018)

## Monday, 10 December 2018

### Pixel sensor monolithic: I (N. Wermes) - Activity Center (11:10 - 12:50)

time	[id] title	presenter
11:10	[87] Monolithic Deep Depletion CMOS Pixel Sensor for Detection of Minimum Ionizing Particles and X Rays	LAUXTERMANN, Stefan
11:35	[82] Development of fast, monolithic silicon pixel sensors in a SiGe Bi-CMOS process.	PAOLOZZI, Lorenzo
12:00	[54] Electrical characterization of AMS aH18 HV-CMOS after neutrons and protons irradiations	Dr SULTAN, D M S
12:25	[53] Simulations of CMOS sensors with a small collection electrode improved for a faster charge-collection and increased radiation tolerance	MUNKER, Ruth Magdalena

# Thursday, 13 December 2018

## Pixel sensor monolithic: II (B. Dierickx) - Activity Center (11:10 - 12:50)

time	[id] title	presenter
11:10	[67] R&D status of the Monopix chips: Depleted monolithic active pixel sensors with a column-drain read-out architecture for the ATLAS Inner Tracker upgrade	CAICEDO SIERRA, Ivan Dario
11:35	[73] Development of CMOS pixel sensor prototypes for the CEPC vertex detector	ZHANG, Ying YANG, Ping
12:00	[65] Performance of the ATLASPix1 pixel sensor prototype in ams aH18 CMOS technology for the ATLAS ITk upgrade	Dr KIEHN, Moritz
12:25	[61] Characterization of the prototype CMOS pixel sensor JadePix-1 for the CEPC vertex detector	Mr CHEN, Liejian