

**Session Program**

**3-5 Jun 2020**



**36th RD50 Workshop (CERN - - online  
Workshop)**

***CMOS***

# Friday 5 June

13:00

## CMOS: CMOS

**Session** | **Location:** Virtual meeting at CERN | **Convener:** Eva Vilella Figueras

13:00-13:20

### Radiation tolerant small-pixel passive CMOS sensors with RD53A readout

**Speaker**

Yannick Manuel Dieter

13:20-13:40

### First tests and characterization of the RD50-MPW2 active pixel matrix, bandgap voltage reference and SEU tolerant memory

**Speaker**

Dr Ricardo Marco Hernandez

13:40-14:00

### A reconfigurable HR-CMOS sensor for Tracking, Pre-Shower and Digital Electromagnetic Calorimetry

**Speaker**

Ioannis Kopsalis

14:00-14:20

### Initial I-V and e-TCT measurements of a depleted CMOS sensor within the CERN-RD50 collaboration

**Speaker**

Matthew Lewis Franks

14:20-14:50

### Break

14:50-15:10

### Data acquisition system for the characterization of the RD50 HV-CMOS active pixel matrix prototypes

**Speaker**

Christian Irmmler

15:10-15:30

### [US] Effects of neutron irradiation on HV-JFETs

**Speaker**

Dr Gabriele Giacomini

15:30-16:00

### Discussion on CMOS devices

**Speaker**

Eva Vilella Figueras

16:00