

Session Program

24-25 Nov 2026

VISSA: VISible detection for Space Applications

TDI, CCD-on-CMOS and Simulation

ESA-ESTEC, ERASMUS High-bay
Keplerlaan 1, Noordwijk, 2201 AZ

Wednesday 25 November

15:45

TDI, CCD-on-CMOS and Simulation

Session | Location: ESA-ESTEC, ERASMUS High-bay, Keplerlaan 1, Noordwijk, 2201 AZ | Convener: Thomas Beck

15:45-16:05

Characterization of Avalanche CCD-on-CMOS Registers Based on Active Deep Trench Technology

Speaker

Lucrezia Camilla Migliorin

16:05-16:25

German CMOS-TDI Detector Technology for High-Resolution Earth Observation: The CTD8000 PAN

Speaker

Hans-Ulrich Zuehlke

16:25-16:45

Implementation of Time Delay Integration in Rolling Shutter CMOS Image Sensor Arrays for Space Imaging

Speaker

Julien Michelot

16:45-17:05

Pyxel: A Collaborative Instrument Simulator

Speaker

Amitha Jha

17:05