



# EDHPC 2023 - European Data Handling & Data Processing Conference

## Tuesday, 3 October 2023

**Session 6 - OBDP: Advances in On-Board Processing for Visual Based Navigation and Monitoring - Salle Ella Fitzgerald**  
**(14:00 - 15:20)**

**-Conveners: Laurent Hili; Carlos Urbina Ortega; Rebecca Davidson**

time	[id] title	presenter
14:00	[36] Intelligent Space Camera for On-Orbit AI-Driven Visual Monitoring Applications	Mr ROMERO-CAÑAS, Juan
14:20	[120] A synthetic image data generation pipeline for spacecraft fly-by scenarios	Mr DENGEL, Ric
14:40	[37] ECSS Compliance using Model-Based Design: A Vision-Based Navigation System on an FPGA	Dr VALVERDE, Juan
15:00	[61] Vision Based Lunar Landing using RC64 Rad Hard DSP/ML Manycore Processor	Prof. GINOSAR, Ran