



# EDHPC 2023 - European Data Handling & Data Processing Conference

## Wednesday, 4 October 2023

**Session 9 - Satellite End-to-end data handling and processing architectures: Radio Frequency Payloads - Salle Louis Armstrong (09:00 - 10:20)**

-Conveners: Ken O'Neill; Adem Coskun; Max Ghiglione

time	[id] title	presenter
09:00	[70] On-Board Processing for Communication Satellites – Principles and Challenges	WIEST, Richard
09:20	[107] SMOS HR Correlator architecture Processing Study	MEGE, Alexandre
09:40	[31] Accelerated Deep-Learning inference on FPGAs in the Space Domain	Mr PETRY, Michael
10:00	[30] EUFRATE: a High-Performance Reconfigurable Architecture for Radiation-hardened Telecom Payloads	SCARPA, Eugenio