European Workshop on On-Board Data Processing (OBDP2019)

Tuesday, 26 February 2019

Data Reduction and Compression - **Erasmus (14:00 - 16:30)**

   -Conveners: Roberto Camarero

time	[id] title	presenter
14:00	[82] Introduction to CCSDS compression standards and implementations offered by ESA	SANTOS FALCON, Lucana CAMARERO, Roberto
14:20	[39] Using CCSDS image compression standard for SAR raw data compression in the H2020 EO-ALERT Project	MAGLI, Enrico
14:40	[37] Preliminary On-board Image Processing Solution for the H2020 EO-ALERT Project	Mr BRAVO, Juan Ignacio Dr KERR, Murray
15:00	[24] Image dequantization for hyperspectral lossy compression with convolutional neural networks	Dr VALSESIA, Diego
15:20	[27] SOLAR WIND ANALYZER - THE SOLAR ORBITER MILESTONE TOWARDS ON-BOARD INTELLIGENT DECISION MAKING SYSTEMS	Dr FORTUNATO, Vito
15:40	[28] From a hyperspectral/ multispectral on-board compressor to a Knowledge-based on-board processor: spaceOP3C HW/SW evolution	Dr AMORUSO, Leonardo Dr IACOBELLIS, Michele
16:00	[43] On-Board Data Reduction Software in CHEOPS	Dr OTTENSAMER, Roland
16:20	[83] Data Reduction and Compression Wrap-Up	CAMARERO, Roberto