

Session Program

12-17 Oct 2025

EDHPC 2025

**European Data Handling &
Data Processing Conference**

13 - 17 October 2025 | Elche | Spain



**EDHPC 2025 - 2nd European Data Handling &
Data Processing Conference**

DPU & Instrument Electronics

Tuesday 14 October

14:00

DPU & Instrument Electronics

Session

14:00–14:20

Development Status of the 2nd-generation On-board Processing Unit Using COTS GPU

14:20–14:40

Data Processing Unit enhanced by AI

14:40–15:00

Evaluation of new NIRCA Mk-II ASIC in real camera configuration

15:00–15:20

Serval Nano DPU - towards a mission-agnostic data processing unit implementation

15:20–15:40

Context Imager: A Smart CubeSat Camera to Enable Intelligent Tasking of Onboard Instruments

15:40