Session Program

12-17 Oct 2025

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

Design Methodologies, Emulators & Simulators

Friday 17 October

10:50

Design Methodologies, Emulators & Simulators
Session | **Convener:** Maxime Perrotin

10:50–11:10

SKE: emulation of on-board computer environments in operational simulators

11:10–11:30

An Open-Source Approach for Emulating Complex Embedded Systems: Enhancing Software Verification with Radiation-Induced Fault Injection

Speaker

Maxim De Clercq

11:30–11:50

Hardening On-Board Software: a Low-Overhead Compiler-based Approach

Speaker

Mr Emilio Corigliano

11:50–12:10

FPGA-Accelerated Micro-Architectural Simulation of Heterogeneous System-On-Chips for Space Applications

12:10