

SEFUW: Space FPGA Users Workshop, 6th Edition

Tuesday 25 March 2025

FPGA vendors: NanoXplore - Newton 1 and 2 (11:35 - 12:35)

time	[id]	title	presenter
11:35	[75]	NanoXplore FPGAs and SoC FPGAs overview	Mr LEPAPE, Edouard

Wednesday 26 March 2025

FPGA vendors: AMD - Newton 1 and 2 (09:10 - 10:10)

time	[id] title	presenter
09:10	[7] AMD XQR Versal™ Adaptive SoCs Enable Next-Generation Signal Processing and AI in Space	O'NEILL, Ken Dr MAILLARD, Pierre

FPGA vendors: Lattice - Newton 1 and 2 (14:30 - 15:30)

time	[id] title	presenter
14:30	[74] Lattice Avant FPGA : Mainstream FPGA for power efficient sensor processing, machine learning and edge AI	Mr JANSSEN, Etienne

Thursday 27 March 2025

FPGA vendors - Newton 1 and 2 (09:10 - 10:10)

time	[id] title	presenter
09:10	[6] System Level Design Workflows with PolarFire® Studio	Mr MALLETT, Joe
09:40	[12] Pioneering Radiation-Tolerant SoC FPGAs for Space: Low Power, Zero Configuration Upsets, and RISC-V® Architecture	PIRES DE ALMEIDA NOBRE, Henrique