AMICSA 2022

Wednesday, 1 June 2022

Custom cell-, circuit-, and system design of ICs for space applications: Design (1/3) (12:30 - 13:25)

time	[id] title	presenter
12:30	[4] A Signal Processing ASIC for Synthetic Aperture Based EO Instruments	Mr PAUKSTAITIS, Vaidas
13:00	[19] GaN half-bridge integrated circuits for power converters	FOSSION, Marc

Custom cell-, circuit-, and system design of ICs for space applications: Design (2/3) (15:00 - 16:25)

time	[id] title	presenter
15:00	[1] NIRCA MkII – IR Image Sensor Readout and Controller ASIC	Mr OESTMOE, Torbjoern
15:30	[9] Bringing Proven PoC to Space Grade Ka Band Capable Improved Sampler for Direct Microwave Sampling in Software Defined Radio Context	Mr LEGENDRE, Olivier
16:00	[6] Radiation Hardened by Design SONOS embedded Non-Volatile Memory in 180nm	Mr GUBIN, Yaroslav

Friday, 3 June 2022

Custom cell-, circuit-, and system design of ICs for space applications: Design (3/3) (15:00 - 15:25)

time	[id] title	presenter
15:00	[5] Rad-hard Microcontroller with Open Access ISA for Space Applications	Dr KUENTZER, Felipe