



# AMICSA 2021

## Thursday, 27 May 2021

**Space Applications for analogue and mixed-Signal ICs: Space applications for analogue and mixed-signal ICs (13:30 - 17:40)**

time	[id] title	presenter
13:30	[39] LIROC : a Novative RadHard Front-End ASIC for Space Lidar	FLEURY, Julien
13:55	[20] Concept Design and Realization of the Next Generation Magnetometer Front-End ASIC	SCHERZER, Maximilian
14:20	[21] APOCAT – PMT and SiPM Readout ASIC for High-Rate X-ray Spectroscopy in Space	MEIER, Dirk
14:40	Coffee Break	
15:00	[30] Voltage Clamp IC for Protection, Regulation and Mitigation of Failure Propagation	BURKHAY, Volodymyr
15:25	[33] GR716 Rad-Hard Microcontroller For Space Applications	JOHANSSON, Fredrik
15:50	[31] Small Hybrid DC/DC Converter Controller Based on Innovative Rad-Hard PWM IC	BURKHAY, Volodymyr
16:10	Coffee Break	
16:30	[32] A Cost and Size Optimized Motor Control Solution using Radiation Hardened AFE + Microprocessor Circuits	Dr SPANOCHE, Sorin
16:55	[35] LUCA: a Dynamic Latch-up Current Protection ASIC	Mr DELMOT, Thierry
17:20	[28] Update on the Development of the Rad-Hard TM/TC MS-ASIC	Mr PUN GARCÍA, Ernesto