

**Tuesday
May 14**

**Wednesday
May 15**

**Thursday
May 16**

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Welcome local host			Invited Talk			Invited Talk		
Welcome invited			A Scalable Controller for Power Sources (SCOPS) Marc COUSINEAU (LAPLACE, Université de Toulouse, CNRS, INPT, UPS, Toulouse, France)			GaN half-bridge integrated circuits for power converters Marc Fossion (Thales Alenia Space Belgium); Mike Wens (MinDCet NV)		
Welcome technical host			A Rad-Hard Quad Power Switch with Fuse-like Fault Shedding Characteristic Sorin Spanoche			CONAN – An Electronic Circuit Breaker for Next Generation PCDU Julien FLEURY (WEEROC)		
A High-performance TID- and SEE-Tolerant ADC in 65 nm for Space Applications Zheyi Li (IMEC)								
Coffee Break			Coffee Break			Coffee Break		
ITAR-free Multi-Output Low Phase Noise Radiation Hardened by Design PLL Hagen Marien (Magics Technologies)			Invited Talk			Heavy Ion and Total Ionization Dose Radiation Testing of Mixed Signal and RF Circuits on a 0.13µm BiCMOS SiGe Process Lars Baumgärtner (Tesat-Spacecom GmbH & Co. KG)		
Jitter Measurement Results of DARE22 Phase-Locked Loop SinNyoung Kim (imec)			A Novel Monolithic Single Event Upset Detection Device for Real Time Monitoring of Environment in Low Earth Orbit George Kottaras (SPACE-ASICS)			Single Event Latch-up Testing Results of the Fluxgate Magnetometer Frontend ASIC Raphael Steinhöfler (IWF/OeAW)		
Low Power Radiation Hardened by Design TDC with 8 ps Single-Shot Precision Hagen Marien (Magics Technologies)						Eliminating Measured Radiation Effects to go for FM-Level Mixed Signal Design Sebastian Millner (Tesat-Spacecom GmbH & Co. KG)		
Lunch break			Lunch break			Closure & Farewell		
INFINIT: a Road to 7-nm Design Platform for High-Performance Energy-Effective Applications in Space Maxim Gorbunov (imec)			Invited Talk					
UDSM Overview Boris Glass (ESA)			A NOVEL SELF-CALIBRATING ANALOG BROADBAND RF PREDISTORTION LINEARIZER FOR Q/V-BAND POWER AMPLIFIERS IN 130 NM SiGe BiCMOS TECHNOLOGY Mathias Scharpf (Institut für Robuste Leistungshalbleitersysteme Universität Stuttgart)					
UDSM Round Table			Current Status for COCHISA: European Ka-Band and X-Band Core-Chips for Space Applications Fabian Vargas (IHP - Leibniz Institute for High Performance Microelectronics)					
Coffee Break			Coffee Break					
ASICS ORGANIC PACKAGING wilfrid aklamavo (SERMA Microelectronics)			Development of an Infrared FPA Readout System with the NIRCA ASIC Dirk Meier (Integrated Detector Electronics AS)					
Microchip Mixed Signal Solutions for Space Nicolas GANRY (Senior Product Marketing Manager Microchip France)			Invited Talk					
			Round Table					

- Custom cell and circuit design of ICs for space applications
- Power circuits for space
- Space Applications for analogue and mixed-signal ICs
- Radiation tests of analogue and mixed-signal ICs
- Other topics
- Radiation-hardened technologies for analogue ICs
- Round Tables
- Invited talks