

Morning	LASCAS: Friday, March 3rd, 09:00 AM - 10:00 AM		
	Session Title	KEYNOTE 5	
	Title	Ultra-Low Power and Low-Voltage Digital & Simple Analog Sensor Interfaces	
	Speaker	Sergio Bampi	
	Affiliation	Federal University of Rio Grande do Sul, Brazil	
	LASCAS: Friday, March 3rd, 10:30 AM - 12:30 PM (16 papers)		
	Session Title		Power and Energy Circuits and Systems
	Track	Paper #	Paper Title
	SC6	4516	Analysis and Design of a Self-Powered VEH System Based on ULP Comparator
	SC6	8146	On the Bode Diagram Plot of Switched Converters Using MATLAB Simulink - a Tutorial Approach
	SC6	313	Voltage Regulation in a Buck Converter for an Unknown CPL: An Extended Feedback Control Design
	SC6	9435	Extended Feedback Linearization Control for Voltage Regulation in a Buck Converter with an Unknown Resistive Load
	SC9	870	A Radiation Hardened Smart Power Switch Based on SOI Technology
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	Session Title		Sensor Circuits and Systems
	Track	Paper #	Paper Title
	SC7	2450	A Compact Analog Counter for Single Photon Imagers
	SC7	5932	Design and evaluation of CNN hardware accelerator designs for in-seat passenger anomaly detection
	SC7	9954	A low-complexity experimental characterization of the neodymium magnet grade
	SC10	5520	Compact Time-Based Sensor-to-Digital Converters in Skywater 130nm Open-Source Technology
SC9	7039	Thermal energy harvesting to power a battery-less node of a wireless sensor network	
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Session Title		Digital Circuits and Systems	
Track	Paper #	Paper Title	
SC2	2641	Quality Scalable Design Space Exploration of the Sobel Edge Detector Hardware Accelerator	
SC2	3381	Methodologies for Implementation of Standard-Cell Libraries for Radiation Hardened Environments	
SC8	7827	Analysis of AV1 Arithmetic Decoder Design Space with a Novel Multi-Boolean Approach	
SC2	3492	Design of Quasi Delay Insensitive Combinational Circuits Based on Optimized DIMS	
SC2	8338	Concise Memory Organization for a Customizable Hardware Design of a Quantum Coprocessor	
SC2	7799	Design and Evaluation of Inexact Computation based Systolic Array for Convolution	

Afternoon	LASCAS: Friday, March 3rd, 02:00 PM - 03:00 PM		
	Session Title	KEYNOTE 6	
	Title	Let the Plants Do the Talking: Smart Agriculture by the messages received from Plants and Soil	
	Speaker	Danilo Demarchi	
	Affiliation	Politecnico di Torino, Italy	
	PRIME-LA: Friday, March 3rd, 03:30 PM - 05:00 PM (5 papers)		
	Session Title		PRIME-LA
	Track	Paper #	Paper Title
	SC1	4173	LC tank oscillator based on new negative resistor in FDSOI technology
	SC5	4621	Assessing Effectiveness of Software-Implemented Control Flow Checking Methods for Automotive Embedded Applications: a New Approach
	SC5	6352	Novel measurement method to estimate the main resonance of a Power Distribution Network
	SC1	7239	Design-oriented model for short-channel MOS transistors based on inversion charge
	SC5	9596	Investigation of Lightweight Hybrid Soft Error Mitigation Techniques for Applications Running on Resource-constrained Devices
	WAFE: Friday, March 3rd, 03:30 PM - 06:30 PM (5 papers + 2 Keynotes)		
	Session Title		WAFE
	Keynote	Title	
		Speaker	
		Affiliation	
	Papers	Paper #	Paper Title
Keynote	Title		
	Speaker		
	Affiliation		