

WEDNESDAY May 8th - LAEDC 2024

Session 1

Session Chair: Marcelo Agüero / Pablo Moliterno

START	END	#	Paper ID	Title	Authors	Subject Area
11:00 AM	11:15 AM	1	30	Analysis of high resistive conduction mechanism in HfO ₂ -based ReRAM devices	Silvana Guitarra (Universidad San Francisco de Quito)*; Lionel Trojman (ISEP); Laurent Raymond (Aix-Marseille Universite)	Device characterization
11:15 AM	11:30 AM	2	6	Schrodinger Equation for Mobility Problem in a N-Channel MOSFET by GNU Octave	Manuel Cardona (UDB)*, Marco Flores, Fernando Serrano, Mario Lacayo, Daniel Solorzano	Device characterization
11:30 AM	11:45 AM	3	5	Electrical Properties of Epoxy-Nano Diamond Composite Films for Microelectronics Packaging Applications	Thottam S Kalkur (University of Colorado Colorado Springs)*; Erick Spory (University of Colorado Colorado Springs)	Packaging, 3D integration
11:45 AM	12:00 PM		49	A Rescue Robot Concept using Legged Wheels and Face Recognition	Jose Ordoñez (UNITEC)*, Boris Nicholas Hernandez Nuñez, Daniel Alexander Lazo Portillo (UEES), Rebeca Alexandra Mejia Blanco (UEES), Douglas Aguilar (UEES), Islam Magomedov (Chechen State University)	Device characterization
12:00 AM	12:20 PM	4	51	Economic Value of Words: an evaluation of news for economic analysis	Pierre Antoine Delice	Modeling and Simulation
INVITED SPEAKER		5	62	Energy Harvesting Devices	Vaid, Rakesh; Singh Sambyal, Ashish	Energy Harvesting

Session 2

Session Chair: Fernando Guarín

START	END	#	Paper ID	Title	Authors	Subject Area
2:00 PM	2:15 PM	1	38	Innovative Methodological Approaches in STEAM Education: STEAM Robotics Academy, a Case of Success	Manuel Cardona (UDB)*; Camila Cáceres (STEAM Robotics Academy); Andrea Cáceres (STEAM Robotics Academy); Héctor Martínez (STEAM Robotics Academy)	STEM Initiatives
2:15 PM	2:30 PM		37	Optimizing Wireless Connectivity for Sustainable Development: A Case Study in the Remote Amazon Community of Wasakentsa	Cordova, Sebastian; Guerrero, Cristhian; Clotet, Roger; Rivas, David; Cabrera, Ronny; Huerta, Mónica K*	Humanitarian Projects
2:30 PM	2:50 PM	2	60	Integrating Multidimensional Teaching/Learning Methods: A Trans-disciplinary Approach to Engineering Education Driven by Advances in Neurosciences	Alejandro Moreno, Wilfrido*	STEM Initiatives
2:50 PM	3:10 PM	3	64	School 4.0 – Hands on Project Based Learning in STEM and The INCT NAMITEC Network	Swart, Jacobus W; Swart, Jacobus W*	STEM Initiatives
3:10 PM	3:30 PM	4	42	Bridging Technology and Humanity to Cultivate an Inclusive Metaverse	JEEWIKA RANAWEERA	Humanitarian Projects
*INVITED SPEAKER						