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SCHEDULE

Glossary

SESSIONS			
<i>D: Devices and Materials</i>	<i>M: Modeling</i>	<i>G5: G5</i>	<i>O: Organic Devices</i>
<i>Keynote: 1 Hour</i>	<i>Invited Speaker: 30 minutes</i>	<i>Paper: 15 minutes</i>	

Sunday, April 18, 2021

Time		Authors	Paper Title
7:00		MOS-AK Morning Session	
	T_0	Wlodek Grabinski MOS-AK	MOS-AK Intro...N/A
	T_1	Kannan Moudgalya. IIT Bombay (IN)	FOSSEE eSIM: An open source CAD software for circuit simulation...N/A
	T_2	Arturo Sarmiento. INAOE (MX)	Memristor modeling...N/A
	T_3	Roberto Murphy, Jose Valdes and Reydezel Torres. INAOE (MX)	Modeling Issues for CMOS RF ICs...N/A
	T_4	E. Sangiorgi, A. Tallarico, N. Posthuma, S. Decoutere, C. Fiegna. Universita di Bologna	Improving Time-Dependent Gate Breakdown of GaN HEMTs with p-type Gate...N/A
12:00		MOS-AK Afternoon Session	
	T_5	Alan Mantooth. University of Arkansas (US)	SiC and GaN Power Devices...N/A

T_6	Antonio Cerdeira. CINVESTAV-IPN, Mexico City (MX)	New analytical model for AOSTFTs...N/A
T_7	Adelmo Ortiz-Conde. Solid State Electronics Laboratory, Simon Bolivar University, Caracas (VE)	On the Parameter Extraction of Thin-Film Transistors in Weak-Conduction...N/A
T_3	Roberto Murphy, Jose Valdes and Reydezel Torres. INAOE (MX)	Modeling Issues for CMOS RF ICs...N/A
T_4	E. Sangiorgi, A. Tallarico, N. Posthuma, S. Decoutere, C. Fiegna. Universita di Bologna	Improving Time-Dependent Gate Breakdown of GaN HEMTs with p-type Gate...N/A

https://www.mos-ak.org/mexico_2021/

Panel Session Humanitarian Technology		
13:00	Fernando Guarin, PhD – Chair EDS Humanitarian Activities Committee	Opening remarks on EDS funding opportunities in Humanitarian projects...N/A
13:05	Sampathkumar Veraraghavan, Chair HAC	Social Implications in the deployment of Humanitarian Technology...N/A
13:20	Luis Kun, PhD, Chair SSIT DLP	In the Age of COVID-19 Social Implications of Critical Infrastructure Access & Exclusions...N/A
13:35	Morgan Kiani, PhD – Industrial Electronics Society	Sustainability and Humanitarian Engineering Education...N/A
13:50	Paul Berger, PhD – Ohio State University	Humanitarian Engineering Outreach...N/A
14:05	Fernando Guarin, PhD	Questions and answers...N/A

This session is open and and FREE of charge. Join follow this [link](#)

Poster Session		
15:00	Fault diagnosis with states estimation in PV systems.	Opening remarks on EDS funding opportunities in Humanitarian projects...N/A
15:10	Naveenbalaji Gowthaman. Department of Electronic Engineering, Howard College,	Dual Gate Material (Au and Pt) Based Double-Gate MOSFET for High-Speed Devices...N/A

	University of KwaZulu-Natal, Durban, South Africa.	
15:20	Helmut Antonio Saavedra Garcia. Universidad Nacional de Ingeniería.	Smart Hydrant Monitoring System Prototype...N/A
15:30	Julio Francisco Bello Pavón, Katherine Esperanza García Montoya, Kenneth Antonio Lacayo Arauz. Universidad Centroamericana Managua, Universidad Nacional de Ingeniería. Nicaragua.	Automated and Sustainable Drip Irrigation System in Rural Nicaragua...N/A
15:40	Cristian Alberto Garcia Cruz. Universidad Nacional de Ingeniería. Nicaragua.	Meteorological station for precision agriculture in La Paz, Carazo...N/A
15:50	Jason Leiton Jimenez, Antonio González Torres. Instituto Tecnológico de Costa Rica.	Audio module to capture, store and reproduce sound...N/A
16:00	Danny Xie-Li, Jesus Esteban Jimenez Valverde, Esteban Arias- Mendez. Instituto Tecnológico de Costa Rica.	STEM Education in Semi-virtual Interaction Environment...N/A
16:10	Elliot Machado Cayasso. IEEE Profesional Member EDS Chapter. Nicaragua	Design and construction of printed circuits boards (PCB)...N/A

	Project Session	
16:20	Ronny Cabrera, Andrea Carrion. IEEE Ecuador Section.	Rehabilitation of an Internet network in 40 schools in the Nabo'n community, Ecuador...N/A
16:30	Luis Rodríguez, Javier Hernández, Javier Peresa, José Viloriaa, Laura Sánchez, Henry Urdanetaa, Douglimar González, Nardiz Mendozaa, Josimar Tello-Maitab, Andry Contrerasb, Manuel Briceño ^b , and Claudia Guevarac. Universidad del Zulia, Chevron. Venezuela.	Humanitarian Projects Development from Universidad del Zulia SIGHT Affinity Group...N/A
16:40	Sebastián-Arturo Zuñiga-Brenes. Instituto Tecnológico de Costa Rica.	Comprehensive Information Platform of COVID-19 in Costa Rica...N/A

Monday, April 19, 2021

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8:00		Opening Ceremony	
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		Keynote	
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9:30	D	Francis Balestra	The endless advances of Nanoelectronics...N/A
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17:00	S	Wilfrido Moreno	Opportunities for Remote Laboratories Delivery to Support On-line Education under COVID-19 Conditions and Beyond...N/A
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Tuesday, April 20, 2021

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		Keynote	
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Wednesday, April 21, 2021

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