

# LAEDC Schedule

Domingo	Lunes	Martes	Miércoles		
	Registration				
08:00	Registration	Opening Ceremony		08:30	
08:30		New trends in electronic systems: Technology, circuits and architecture - Giovanni De Michelli	The INTERNET of everything: What's missing? - Thomas Lee	End of CMOS miniaturization and technology development after that - Hiroshi Iwai	09:00
09:00	Opening EDS Mini-Colloquium Compact Modeling				09:30
09:30	Compact Modeling of Junctionless Nanowire Transistors - Marcelo Pavanello		Coffee Break		10:00
10:00	Tunnel-FET Modeling Using Verilog-A for Analog Circuit Simulation - Joao Martino			A6	10:20
10:20		Will Democratic Artificial Intelligence Shape the Future of Semiconductor Technology? - Adrian Ionescu		A7	10:30
10:30	Compact Modeling Solutions for GaN HEMT Devices -Benjamin Iñiguez		Tutorial 5: Energy Efficient Resilient and Adaptive Circuits - Carlos Tokunaga		10:40
10:40				A8	11:00
11:00	Coffee Break	D1		D5	11:20
11:20		D2		D6	11:30
11:30	Characterization and Modeling of Cryogenic MOS Technologies - Edmundo Gutiérrez				11:40
11:40		D3		D8	12:00
12:00	Generalization of the Inversion Coefficient Concept in Independent Double Gate FETs: DC and Non- Quasi Static Modeling - Jean-Michel Sallese	D4		D7	12:20
12:20					12:30
12:30	Andrei Vladimirescu				12:40
12:40					13:00
13:00	Lunch				14:00
14:00	MQ Introduction		A1		14:15
14:15					14:20
14:20	Leveraging semiconductor technology for the benefit of society- Fernando Guarín		A2	M7	14:40
14:40		Industry Panel	A3	M8	15:00
15:00			A4	M9	15:20
15:20	Innovation by ASIC design and Related Electron Device Issues - Jacobus Swart		A5		15:40
15:40			Coffee Break		16:00
16:00	Coffee Break	Coffee Break		Closing Ceremony	16:30
16:30		M1			16:50
16:50	Current progress and future perspectives in polymer solar cells - Luis Marsal	M2			17:10
17:10		M3	Tutorial 6: Modeling and design of ultra-low-voltage CMOS circuits - Carlos Galup-Montoro/Márcio Cherem Schneider		17:30
17:30		M4			17:50
17:50	Fully Printable and Autonomously Powered Electronic Nodes for the Internet of Everything - Paul Berger	M5			18:10
18:10		M6			18:30