

MONDAY 28.08

TUESDAY 29.08

WEDNESDAY 30.08

THURSDAY 31.08

FRIDAY 01.09

08:00	Registration Pilotis MAR				08:00	Registration Pilotis MAR				08:00	Registration Pilotis MAR				08:00	Registration Pilotis MAR								
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09:00	<b>ROOM 2.2</b> Tutorials Design of Supply Regulators for High Efficiency RF Transmitters Jose Silva-Martinez, Texas A&M University, College Station, EUA	<b>AUDITORIUM MAR</b> Tutorials SBMicro 2D Materials and their Role in Future Electronics Frank Schwierz, Technische Universität Ilmenau, Germany			09:00	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Opening				09:00	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Valeriya Kilchytska Advanced SOI-based MOSFETs for Analog and RF applications: electrical characterization perspectives				09:00	<b>AUDITORIUM MAR</b> SBMicro Session IV Transistor modeling and characterization	<b>ROOM 2.2</b> SBCCI SoC, NoC and Reconfigurable Circuits	<b>ROOM 3.1</b> INSCIT 4	<b>ROOM 2.3</b> WCAS State-of-the-art Industry Verification Flow Bootcamp by Ensilica	09:00	<b>AUDITORIUM MAR</b> SBMicro Session VI Sensors and Actuators	<b>ROOM 2.2</b> SBCCI EDA, Test and Reliability - II	<b>ROOM 3.1</b> SForum Invited Talk and Best Paper Candidates	<b>ROOM 2.3</b> WCAS Test & Measurement
09:20					09:20					09:20					09:20				09:20					
09:40					09:40	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Otavio Schiper Recent projects at the intersections of art, science and technology				09:40					09:40				09:40					
10:00					10:00					10:00	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Muhammad Al Faruque Cross-Layer Security of Embedded and Cyber-Physical Systems				10:00				10:00					
10:20					10:20					10:20					10:20				10:20					
10:40	Coffee Break Foyer and Mirante MAR				10:40	Coffee Break at Museu do Amanhã				10:40	Coffee Break at Museu do Amanhã				10:40	Coffee Break								
11:00	<b>ROOM 2.2</b> Tutorials Electronic Physical Design Automation - Fundamentals and Challenges Ricardo Reis, Universidade Federal do Rio Grande do Sul, Brazil	<b>AUDITORIUM MAR</b> Tutorials SBMicro High Performance Quantum Computing in Nanoelectronics Adam W. Skorek, University of Québec, Canada			11:00	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Gottfried Strasser On-Chip Sensing Monolithically Integrated Quantum Cascade Devices				11:00	Coffee Break at Museu do Amanhã				11:00	Coffee Break								
11:20					11:20					11:20					11:20	<b>AUDITORIUM MAR</b> SBMicro Session V Effects of Temperature on Semiconductor Devices	<b>ROOM 2.2</b> SBCCI Radio Frequency Circuits	<b>ROOM 3.1</b> INSCIT 5	<b>ROOM 2.3</b> WCAS State-of-the-art Industry Verification Flow Bootcamp by Ensilica	11:20	<b>AUDITORIUM MAR</b> Semiconductors: opportunities in European Union and Brazil			
11:40					11:40					11:40					11:40				11:40	<b>AUDITORIUM MAR CA-ME</b>				
12:00					12:00	<b>AUDITORIUM MUSEU DO AMANHÃ</b> Peter Beerel Efficient and Trustworthy AI at the Edge				12:00					12:00				12:00	<b>AUDITORIUM MAR</b> SBMicro Session VII Novel Materials and Devices	<b>ROOM 2.2</b> SBCCI Visual Signal Processing Systems	<b>ROOM 3.1</b> INSCIT 6	<b>ROOM 2.3</b> WCAS Industrial sessions	
12:20					12:20					12:20					12:20				12:20					
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14:00	<b>ROOM 2.2</b> Tutorials Approximate Computing: Advanced VLSI Design Techniques for Energy-Efficient CMOS Accelerators Sergio Bampi, Universidade Federal do Rio Grande do Sul, Brazil	<b>AUDITORIUM MAR</b> Tutorials SBMicro From micro-semiconductor devices to the discovery of the black hole in the Milky way	<b>ROOM 2.3</b> CECCI Council		14:00	<b>AUDITORIUM MAR</b> SBMicro Session I Electrical Characterization	<b>ROOM 2.2</b> SBCCI Analog and Mixed Signal Circuits	<b>ROOM 3.1</b> INSCIT 1	<b>ROOM 2.3</b> Paul Malisse - IMEC	14:00	<b>AUDITORIUM MAR</b> SBMicro Session II Photovoltaics and Photodetectors	<b>ROOM 2.2</b> SBCCI Digital Circuits and Applications	<b>ROOM 3.1</b> INSCIT 2	<b>ROOM 2.3</b> WCAS Low Power Design and Verification Bootcamp by Cadence	14:00	<b>AUDITORIUM MAR</b> Business Forum	<b>ROOM 2.2</b> IEEE CASS Workshop Current Trends in IC Design	<b>VARANDA CARIOCA</b> Poster Session II	14:00	<b>AUDITORIUM MAR</b> SBMicro Session VIII Photonics and Optoelectronics	<b>ROOM 2.2</b> SBCCI Digital Circuits and Applications II	<b>ROOM 3.1</b> INSCIT 7	<b>ROOM 2.3</b> WCAS	
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15:20	Coffee Break Foyer and Mirante MAR				15:20	Coffee Break Foyer and Mirante MAR				15:20	Coffee Break Foyer and Mirante MAR				15:20	Coffee Break Foyer and Mirante MAR								
15:40	Coffee Break				15:40	<b>AUDITORIUM MAR</b> CECCI Assembly	<b>VARANDA CARIOCA</b> Poster session			15:40	<b>AUDITORIUM MAR</b> SBMicro Session III Device and Circuit Simulation	<b>ROOM 2.2</b> SBCCI EDA Test and Reliability	<b>ROOM 3.1</b> INSCIT 3	<b>ROOM 2.3</b> WCAS Low Power Design and Verification Bootcamp by Cadence	15:40	Coffee Break								
16:00	<b>ROOM 2.2</b> IEEE CEDA Brazil Chapter Meeting	<b>AUDITORIUM MAR</b> Tutorials SBMicro Reliability of Metal Gate / High-K CMOS devices	<b>ROOM 2.3</b> APCI		16:00		<b>Coffee Break Foyer</b>			16:00				16:00	<b>AUDITORIUM MAR</b> Business Forum	<b>VARANDA CARIOCA</b> Poster Session II			16:00					
16:20					16:20		<b>ROOM 2.2</b> Ray Ross - Cadence	<b>VARANDA CARIOCA</b> Poster session			16:20				16:20		<b>VARANDA CARIOCA</b> Poster Session II			16:20				
16:40					16:40						16:40				16:40					16:40	Coffee Break Foyer and Mirante MAR			
17:00	<b>AUDITORIUM MAR</b> SBMicro Assembly				17:00	<b>AUDITORIUM MAR</b> Panel: How far can Artificial Intelligence go without advanced chips?				17:00	<b>AUDITORIUM MAR</b> Panel: How ready is Brazil to host new chip manufacturing and design companies?				17:00	<b>AUDITORIUM MAR</b> Panel: Novas Políticas para o Desenvolvimento da Indústria de Semicondutores no Brasil				17:00	<b>AUDITORIUM MAR</b> Awards & Closing			
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19:00	<b>VARANDA CARIOCA + ROOM 3.1</b> Welcome reception				19:00					19:00					19:00					19:00				
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37<sup>th</sup> SBMicro • 36<sup>th</sup> SBCCI • 7<sup>th</sup> INSCIT  
13<sup>th</sup> WCAS • 23<sup>rd</sup> SForum • Chip inclusivo

The most important international congress in the field of microelectronics and microtechnologies held annually in Brazil

