

Wednesday, August 26, 2026

WCAS Session I - Papers - Chair: Gutemberg Gonçalves

08:40	Power Amplifier Modeling Using Memory Polynomials with Delay-dependent Polynomial Orders Authors: A. Santos, Leonardo; M. Z. Sequinel, Loane; B. L. França, Sibilla; G. Lima, Eduardo
09:00	Impact of Numerical Precision in FPGA-Based ANFIS: A Design Space Exploration Authors: A. O. Martins, Vinicius; Abreu Velloso, Lucas; M. Bicalho, Francisco; N. S. Oliveira, João Pedro; B. S. Lopes, Lorenzo; G. Ribeiro, Roberto; O. Duarte, Ricardo; G. Guimarães, Frederico
09:20	Evaluation of Quantized ResNet18 Models for FPGA-Based Diabetic Retinopathy Classification Authors: V. Dias, Isadora; C. B. de Mattos, Júlio; S. de Aguiar, Marilton
09:40	Optimization of ULV Standard Cell Design Through Track-Aware Automated Transistor Sizing Authors: S. Moraes, Rodrigo; Compassi-Severo, Lucas
10:00	WebPGA: A WYSIWYG Interactive Platform for Web-Based FPGA and Verilog Education Authors: Souza da Costa, Talles; Racyus Pacífico, Arthur Brandão; Ferreira, Ricardo
10:20	Stabilization of the Wien-Bridge Oscillator Amplitude Using an MOSFET Authors: Nunes, R. O.; Telles, A. C. C.; Carlos, M. C.; Melo, W. R.; Finco, S.; Seixas Jr.; L. E.
10:40	10:40 - Auditório - Synopsys - Victor Grimblatt
11:00 - 11:40	Poster Session I (SBCCI + INSCIT) + Coffee Break
11:40 - 12:40	Keynote 1 - A Century Field Effect Transistor (FET 100): From Dream to 3D System-on-Chip Cor Claeys , KU Leuven, Leuven, Belgium
12:40 - 14:00	Lunch
	WCAS Session II - Test & Measurements - Chair: Nelson Andrade
14:00	Sessão T&M - Keysight Title: Small signals characterization with low-noise oscilloscope
14:20	
14:40	
15:00	

15:20	
15:40 - 16:20	Coffee Break
	WCAS Session III: Test & Measurements - Chair: Nelson Andrade
16:20	Sessão T&M - Tektronix Title: Semiconductor Characterization: 5 key tests for SiC and GaN devices
16:40	
17:00	
17:20	
17:40	
	Thursday, August 27, 2026
	WCAS Session IV - Bootcamp - Chair: Gutemberg Gonçalves
08:40	Cadence Design Systems - ChipStack Formal Agent Workshop: Accelerating Formal Verification with Agentic AI
09:00	
09:20	
09:40	
10:00	
10:20	
10:40	10:40 - Auditório - Keysight - Vitor Oliveira
11:00 - 11:40	Poster Session II (SBMicro + SForum) + Coffee Break
11:40 - 12:40	Keynote 2 - Towards Adaptive, Resilient CyberPhysical Human Systems (CPHS) Nikil Dutt , University of California, Irvine, USA
12:40 - 14:00	Lunch

	WCAS Session V: Industrial I - Chair: Gutemberg Gonçalves
14:00	Cadence Design Systems - Presenter: Marcelo Silva
14:20	Zilia - Presenter: Cleber Figueira
14:40	Idea - Presenter: Igor Pinheiro
15:00	Instituto HBR - Presenter: Eduardo Lima
15:20	15:20 - Auditório - Cadence - Nelson de Andrade
15:40 - 16:20	Poster Session III (SBMicro + SForum) + Coffee Break
	Friday, August 28, 2026
08:40	Not Used by WCAS
09:00	
09:20	
09:40	
10:00	
10:20	
10:40	Poster Session IV (SBMicro + SForum) + Coffee Break
11:00 - 11:40	
11:40	
11-40:	Keynote 3 - Challenges of Measuring Heat in Bioinstrumentation Systems Andrew Taberner , University of Auckland, New Zealand
12:40 - 14:00	Lunch

	WCAS Session VII: Industrial II - chair: Nelson Andrade
14:00	Ensilica - Presenter: Julio Leão
14:20	ITT Chip - Presenter: Celso Peter
14:40	SENAI ISI Manaus - Presenter: Elvio Dutra
15:00	HCLTech - Presenter: Alex Palombo
15:20	Chipus - Presenter: Rodrigo Rottava
15:40 - 16:20	Coffee Break
	N/A
16:20	Not Used by WCAS
16:40	
17:00	
17:20	
17:40	
18:40	Closing Ceremony and Best Papers Awards