

AGENDA

Schedule at a Glance

SUNDAY - OCTOBER 11, 2026

Short Course

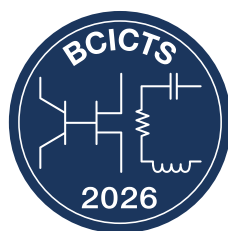
A.I.-Driven Circuit Design: Theory, Tools, and Practice
Essex Center

7:30AM-8:30AM	Registration for Short Course Only	Essex Ballroom Foyer
7:30AM-8:15AM	Breakfast for Short Course Only	Essex Ballroom Foyer
8:15AM-8:30AM	Welcome & Speaker Introduction, Saurabh Sirohi, Global-Foundries	Essex Center
8:30AM-9:30AM	Short Course Session 1 – Prof. Sensen Li, Univ. of Texas at Austin AI-Assisted PA Design: Methods and Practice	Essex Center
9:30AM-9:45AM	Coffee Break for Short Course Only	Essex Ballroom Foyer
9:45AM-10:45AM	Short Course Session 2 – Dr. Jason Blocklove, New York University, Tandon Auto-Chip: Towards Fully Autonomous Chip Design Flows with AI Agents	Essex Center
10:45AM-11:00AM	Coffee Break for Short Course Only	Essex Ballroom Foyer
11:00AM-12:00PM	Short Course Session 3 – Dr. Mehdi Saligane, Brown University Rethinking Chip Design in the Age of A.I.	Essex Center
12:00PM-12:15PM	Adjourn and Feedback	Essex Center

Primer

Millimeter-wave Design, Packaging and Measurements
Essex Center

8:45AM-1:30PM	Registration for Primer Course Only	Essex Ballroom Foyer
12:15PM-1:00PM	Lunch	Essex North
1:00PM-1:10PM	Welcome & Speaker Introduction, Leo Vera	Essex Center
1:10PM-2:10PM	Primer Lecture 1 – Dr. Akshay Visweswaran, Nokia Bell Labs Millimeter-Wave FMCW Radar	Essex Center
2:10PM-2:25PM	Coffee Break for Primer Only	Essex Ballroom Foyer
2:25PM-3:25PM	Primer Lecture 2 – Prof. Madhavan Swaminathan, Penn State University Advanced Packaging for mm-Wave Systems	Essex Center
3:25PM-3:40PM	Coffee Break for Primer Only	Essex Ballroom Foyer
3:40PM-4:40PM	Primer Lecture 3 – Dr. Luciano Boglione, Boeing Measuring Noise Parameter: An Alternative, Size-Based Approach for On-Wafer Device Characterization	Essex Center
4:40PM-5:00PM	Primer Wrap-Up	Essex Center



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MONDAY - OCTOBER 12, 2026

7:30AM-5:00PM	Registration	Essex Ballroom Foyer
8:30AM-9:30AM	Continental Breakfast	Essex Ballroom Foyer
9:30AM-10:00AM	Welcome and Announcements	Essex Ballroom South
10:00AM-12:00PM	Plenary Session	Essex Ballroom South
12:00PM-1:30PM	Lunch	Self-Arrangement
1:30PM-3:10PM	1a. Compound Advanced Devices and Technology	Essex North & Center
	1b. Next-gen BiCMOS and AI for Inverse Design	Essex South
3:10PM-3:40PM	Coffee Break Sponsored by Qorvo	Essex Ballroom Foyer
3:40PM-4:40PM	Panel 1 — WIE/YP Panel: AI in Engineering Design: Opportunities, Challenges, and the Road Ahead	Essex South
4:45PM-5:45PM	Panel 2 — The GaN-on-Si Revolution: Hype or Reality?	Essex South
5:45PM-7:45PM	Exhibition Reception	St. George ABC & Essex Foyer

TUESDAY - OCTOBER 13, 2026

7:30AM-5:00PM	Registration	Essex Ballroom Foyer
7:30AM-8:30AM	Breakfast & Exhibition	St. George ABC & Essex Foyer
8:30AM-2:30PM	Exhibition	St. George ABC & Essex Foyer
8:30AM-10:10AM	2a. Designing with GaN: LNAs, PAs, and Beyond	Essex North & Center
	2b. High-Performance Circuits for Optical Communications	Essex South
10:10AM-10:40AM	Sponsored Coffee Break	St. George ABC & Essex Foyer
10:40AM-12:00PM	3a. Modeling of Polarization and Memory Effects in GaN	Essex North & Center
	3b. Transmitter Circuits for Optical Communications	Essex South
12:00PM-1:30PM	Exhibition Lunch	St. George ABC & Essex Foyer
1:30PM-3:30PM	4a. mmW Receiver and Transmitter Technologies	Essex North & Center
	4b. Advances in Compact & Analytical Modeling; RF & mm-wave Measurement Tools and Techniques	Essex South
3:30PM-4:00PM	Sponsored Coffee Break	Essex Ballroom Foyer
4:00PM-6:00PM	5a. Ultra High Frequency Circuit and System Design Techniques	Essex North & Center
	5b. Analog ICs	Essex South

WEDNESDAY - OCTOBER 14, 2026

7:30AM-3:30PM	Registration	Essex Ballroom Foyer
7:30AM-8:30AM	Breakfast Sponsored by Frontgrade Technologies	Essex Ballroom Foyer
8:30AM-10:00AM	6a. SiGe, GaAs, InP, GaN, and Cryogenic Circuits: An Evolutionary Perspective	Essex North & Center
	6b. Next Generation High-Frequency Device Modeling	Essex South
10:10AM-10:40AM	Coffee Break Sponsored by Texas Instruments	Essex Ballroom Foyer
10:40AM-12:20PM	7a. mm-Wave III-V IC Measurements and Power Generation	Essex North & Center
	7b. High Performance SiGe BiCMOS and Electrostatic Doped Devices	Essex South
12:20PM-1:50PM	Lunch	Self-Arrangement
1:50PM-3:30PM	8a. Late News	Essex North & Center
	8b. Late News	Essex South
3:30PM-4:00PM	Conference Closing and Awards	Essex South
4:00PM-4:30PM	Closing Reception Sponsored by Global Foundries	Essex Ballroom Foyer