



**2022 Program-at-a-Glance**  
*Conference will take place in Pacific Daylight Time (PDT) (UTC-7)*

<b>Sunday, April 24, 2022</b>				
<i>*All Sunday sessions are included with conference registration*</i>				
<i>Bay Laurel North</i>	<i>Bay Laurel Central</i>	<i>Bay Laurel South</i>	<i>Citrus Ballroom</i>	
9:00 am-4:45 pm <b>Educational Session 1:</b> Analog Automation Techniques	9:00 am-4:45 pm <b>Educational Session 2:</b> Design of High Power Density Voltage Regulator Circuits & Systems	9:00 am-4:45 pm <b>Educational Session 3:</b> System Design with Open Source Tools	9:00 am-4:45 pm <b>Educational Session 4:</b> High Speed Link Design	
<b>Monday, April 25, 2022</b>				
8:00 am-8:20 am <b>Welcome and Opening Remarks</b> <i>Bay Laurel Central &amp; South</i>				
8:20 am-9:10 am <b>Session 1:</b> Keynote Session <i>Bay Laurel Central &amp; South</i>				
<i>Sequoia Ballroom 1&amp;2</i>	<i>Bay Laurel North</i>	<i>Bay Laurel Central &amp; South</i>	<i>Citrus Ballroom</i>	<i>Sequoia Ballroom 3&amp;4</i>
9:30 am-11:30 am <b>Session 2:</b> Forum: Next Generation Computing	9:30 am-11:40 am <b>Session 3:</b> Imaging for Health and Automotive Systems	9:30 am-11:40 am <b>Session 4:</b> Power Management Directions	9:30 am-11:40 am <b>Session 5:</b> mm-Wave Transceivers and Systems	9:30 am-11:00 am <b>Session 6:</b> Panel: Opensource Systems, Circuits, and Design: Is it the Future?
1:00 pm-5:05 pm <i>(2:45 pm-3:00 pm break)</i> <b>Session 7:</b> Computing-in-Memory	1:00 pm-4:15 pm <i>(2:45 pm-3:00 pm break)</i> <b>Session 8:</b> Smart Sensors for the IoT, Wearables, and Implantables	1:00 pm-4:40 pm <i>(2:45 pm-3:00 pm break)</i> <b>Session 9:</b> System Foundations for Intelligent Computing	1:00 pm-4:15 pm <i>(2:45 pm-3:00 pm break)</i> <b>Session 10:</b> Advanced Transmitter & Receiver Circuits	1:00 pm-2:30 pm <b>Session 11:</b> Panel: Automatic Circuit Generation and AI-Driven Design: Future of Circuit Design?
5:30 pm-7:30 pm <b>Welcome Reception</b> <i>Bamboo Garden</i>				



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<b>Tuesday, April 26, 2022</b>				
<i>Sequoia Ballroom 1&amp;2</i>	<i>Bay Laurel North</i>	<i>Bay Laurel Central &amp; South</i>	<i>Citrus Ballroom</i>	<i>Sequoia Ballroom 3&amp;4</i>
8:00 am-10:30 am <b>Session 12:</b> Forum: Power Management for Harsh Environments	8:00 am-12:05 pm <i>(9:45 am -10:00 am break)</i> <b>Session 13:</b> Advanced Technologies & Security	8:00 am-11:40 am <i>(9:45 am -10:00 am break)</i> <b>Session 14:</b> High Speed Circuits and Systems for Electrical and Optical	8:00 am-11:15 am <i>(9:45 am -10:00 am break)</i> <b>Session 15:</b> High-Speed Data Converters	8:00 am-11:40 am <i>(9:45 am -10:00 am break)</i> <b>Session 16:</b> Next-Generation Computing and Neural Interfaces
12:15 pm-1:45 pm <b>Session 17:</b> Luncheon Keynote Session <i>Citrus Ballroom</i>				
2:00 pm-5:40 pm <i>(3:45 pm-4:00 pm break)</i> <b>Session 18:</b> Analog Techniques	2:00 pm-5:40 pm <i>(3:45 pm-4:00 pm break)</i> <b>Session 19:</b> High Performance Digital	2:00 pm-4:10 pm <b>Session 20:</b> Frequency Generation Techniques	2:00 pm-3:30 pm <b>Session 21:</b> Panel: Is Photonics Going to Save Wireline?	2:00 pm-6:05 pm <i>(3:45 pm-4:00 pm break)</i> <b>Session 22:</b> Power Converters
4:30 pm-6:00 pm <b>SSCS Young Professionals and Women in Circuits Mentoring Event</b> <i>Garden Gazebo</i>				
6:00 pm-8:00 pm <b>CICC Conference Reception</b> <i>Bamboo Garden</i>				
<b>Wednesday, April 27 2022</b>				
8:00 am-8:50 am <b>Session 23:</b> Keynote Session <i>Bay Laurel Central &amp; South</i>				
<i>Sequoia Ballroom 1&amp;2</i>	<i>Bay Laurel North</i>	<i>Bay Laurel Central &amp; South</i>	<i>Citrus Ballroom</i>	<i>Sequoia Ballroom 3&amp;4</i>
9:00 am-11:30 am <b>Session 24:</b> Forum: Smart Imaging	9:00 am-11:30 am <b>Session 25:</b> Forum: IC for Sustainability	9:00 am-11:35 am <b>Session 26:</b> Quantum Computing and Energy Efficient Wireless Transceivers	9:00 am-10:30 am <b>Session 27:</b> Panel: Can Quantum Computing Solve Real World Problems?	9:00 am-11:10 am <b>Session 28:</b> High-Resolution and High-Security Data Converters
1:00 pm-2:00 pm <b>Best Paper Poster Session &amp; Closing/Awards Ceremony</b> <i>Bay Laurel Central &amp; South</i>				