



Sunday, 19 April

9am

ED Session - Power Management I - Educational Session 1: Advanced Power Management Circuits
Azure

ED Session - Analog + Digital I - Educational Session 2:
Cobalt

ED Session - Wireline I - Educational Session 3: Next-Generation High-Speed Interconnects: COM Modeling, Silicon Photonics and Low-Power Coherent Optics
Cyan A/B

9:15am

Circuits Insights
Ballroom D/E

12:15pm

Lunch Break (on own)

1:30pm

ED Session - Power Management II - Educational Session 1: Advanced Power Management Circuits
Azure

ED Session - Analog + Digital II - Educational Session 2:
Cobalt

ED Session - Wireline II - Educational Session 3: Next-Generation High-Speed Interconnects: COM Modeling, Silicon Photonics and Low-Power Coherent Optics
Cyan A/B

Circuits Insights
Ballroom D/E

5pm

OPEN TO ALL ATTENDEES - SSCS WIC Bingo Networking Night
Ballroom C

Monday, 20 April

8:30am

Session 1: Welcome and Opening Remarks
Ballroom A/B/C

8:50am

Session 1: Keynote Session
Ballroom A/B/C

9:40am

Break
Ballroom Foyer

10:05am

Systems and Security Forum - Session 2: Forum: Security, Privacy and Reliability for Edge Systems (example - Implantables/wearables, AR/VR)
Ballroom D/E

Emerging Technology I - Session 3: Optical Sensing and Filtering
Ballroom A/B/C

Data Converters I - Session 4: Data Converter Techniques for High-Speed and AI Applications
Cyan A/B

Analog Circuits and Techniques I - Session 5: Frequency Reference
Cobalt

Wireless Transceivers and RF/mm-Wave Circuits and Systems I - Session 6: Efficient and Scalable mmWave-to-Sub-THz Phased-Array ICs: From Scalability to Automation
Azure

11:45am

Lunch Break (on own)

1:30pm

Systems I - Session 7: Security Primitives and Biomedical Systems
Ballroom D/E

Emerging Technology Panel - Session 8: Panel: Integrated Photonics: The next big thing since 25 years
Ballroom A/B

Digital Circuits and SoCs Panel - Session 9: Panel: GPU vs PIM
Cyan A/B

Analog Circuits and Techniques Forum - Session 10: Forum: Circuits and Systems for Robotic Sensing: From Eyes and Ears to Touch
Cobalt

Wireless Transceivers and RF/mm-Wave Circuits and Systems II - Session 11: Next-Generation RF/mmWave Building Blocks for Broadband and Efficient Transceivers
Azure

Wireline and Optical Communications Circuits and Systems I - Session 12: High-speed Wireline
Ballroom C

3:10pm

Break
Ballroom Foyer

3:35pm

Systems and Security I cont'd - Session 7: Security Primitives and Biomedical Systems
Ballroom D/E

Emerging Technology Panel cont'd - Session 8: Panel: Integrated Photonics: The next big thing since 25 years
Ballroom A/B

Digital Circuits and SoCs Panel cont'd - Session 9: Panel: GPU vs PIM
Cyan A/B



Continued from **Monday, 20 April**

Analog Circuits and Techniques Forum
Cont'd - Session 10: Forum: Circuits and Systems for Robotic Sensing: From Eyes and Ears to Touch
Cobalt

Wireless Transceivers and RF/mm-Wave Circuits and Systems II cont'd - Session 11: Next-Generation RF/mmWave Building Blocks for Broadband and Efficient Transceivers
Azure

Wireline and Optical Communications Circuits and Systems I cont'd - Session 12: High-speed Wireline
Ballroom C

5:15pm

Welcome Reception & Best Paper Candidate Poster Session
Ballroom Foyer

Tuesday, 21 April

8am

Data Converters II - Session 13: Advanced Pipelined and SAR ADCs
Ballroom A/B

Biomedical Technologies and Applications I - Session 14: Circuits and System Architectures for Next-Generation Neural Interfaces
Ballroom D/E

Digital Circuits and SoCs I - Session 15: Machine Learning Accelerator
Cyan A/B

Power Management I - Session 16: Compute Power
Cobalt

Wireless Transceivers and RF/mm-Wave Circuits and Systems III - Session 17: Advanced Low-Power Transceiver and Clocking Techniques
Azure

9:40am

Break
Ballroom Foyer

10:05am

Data Converters II cont'd - Session 13: Advanced Pipelined and SAR ADCs
Ballroom A/B

Biomedical Technologies and Applications I cont'd - Session 14: Circuits and System Architectures for Next-Generation Neural Interfaces
Ballroom D/E

Digital Circuits and SoCs I cont'd - Session 15: Machine Learning Accelerator
Cyan A/B

Power Management I cont'd - Session 16: Compute Power
Cobalt

Wireless Transceivers and RF/mm-Wave Circuits and Systems III cont'd - Session 17: Advanced Low-Power Transceiver and Clocking Techniques
Azure

11:45am

Keynote Luncheon - Session 18: Keynote Luncheon
Ballroom C

1:30pm

Wireline and Optical Communications Circuits and Systems II - Session 19: High-performance Optical Transceivers and Die-to-die Interface
Ballroom A/B

Emerging Technology Forum - Session 20: Forum: Heterogenous III-V Integration and Packaging
Ballroom D/E

Digital Circuits and SoCs II - Session 22: Processors for Sensing, Media and AI
Cyan A/B

Power Management II - Session 23: Application Specific Power
Cobalt

Analog Circuits and Techniques II - Session 24: Sensor Interface
Azure

3:10pm

Break
Ballroom Foyer

3:35pm

Wireline and Optical Communications Circuits and Systems II cont'd - Session 19: High-performance Optical Transceivers and Die-to-die Interface
Ballroom A/B

Emerging Technology II - Session 21: Circuits for Emerging Applications
Ballroom D/E

Digital Circuits and SoCs II cont'd - Session 22: Processors for Sensing, Media and AI
Cyan A/B

Power Management II cont'd - Session 23: Application Specific Power
Cobalt

Analog Circuits and Techniques III - Session 25: References and (Temperature) Sensors
Azure

5:45pm

IEEE SSCS Young Professionals and Women in Circuits Mentoring Event
Ballroom C

Wednesday, 22 April

8:30am

Session 26: Welcome
Ballroom A/B/C



Continued from Wednesday, 22 April		Thursday, 23 April	
8:50am		1:30pm	
Session 26: Keynote Session Ballroom A/B/C		Data Converters III - Session 31: Noise-shaping ADCs Ballroom D/E	
9:40am		Biomedical Technologies and Applications II - Session 32: Low-Power SoCs and Accelerators for Advanced Biomedical Systems Ballroom A/B	
Break Ballroom Foyer		Digital Circuits and SoCs III - Session 33: Compute in Memory for Emerging Applications Cyan A/B	
10:05am		Power Management IV - Session 34: Portable, Sensing, and Wearable Power Cobalt	
Analog Circuits and Techniques IV - Session 27: Amplifiers and Track and Hold Circuits Cyan A/B		Wireless Transceivers and RF/mm-Wave Circuits and Systems V - Session 35: Techniques for Phase-Lock Loops and Frequency Multiplier Azure	
Power Management III - Session 28: High Voltage Power Cobalt		CHISIC Tutorials Ballroom C	
Wireless Transceivers and RF/mm-Wave Circuits and Systems IV - Session 29: High Performance VCOs Azure		3:10pm	
Systems and Security II - Session 30: HPC Chiplet Systems (CICC/CHISIC) Ballroom C		Break Ballroom Foyer	
11:45am		3:30pm	
Lunch (on own)		Break Ballroom Foyer	
		3:35pm	
		Data Converters III cont'd - Session 31: Noise-shaping ADCs Ballroom D/E	
		Biomedical Technologies and Applications II cont'd - Session 32: Low-Power SoCs and Accelerators for Advanced Biomedical Systems Ballroom A/B	
		Digital Circuits and SoCs III cont'd - Session 33: Compute in Memory for Emerging Applications Cyan A/B	
		Power Management IV cont'd - Session 34: Portable, Sensing, and Wearable Power Cobalt	
		Wireless Transceivers and RF/mm-Wave Circuits and Systems V cont'd - Session 35: Techniques for Phase-Lock Loops and Frequency Multiplier Azure	
		3:45pm	
		CHISIC Tutorials and Keynote Ballroom C	
		6:35pm	
		CHISIC Networking & Exhibits	
			7am
			CHISIC WORKSHOP REGISTRANTS ONLY - Breakfast (provided)
			7:45am
			Workshop on Internet of Bodies - Opening Remarks
			8am
			CHISIC Workshop Ballroom C
			Workshop on Internet of Bodies
			9:50am
			Break Ballroom Foyer
			9:55am
			Break and Group Pictures Ballroom Foyer
			10:20am
			CHISIC Workshop Ballroom C
			Workshop on Internet of Bodies



Continued from Thursday, 23 April	
12pm	3:15pm
Group Pictures	Workshop on Internet of Bodies
12:05pm	3:50pm
Lunch Break (provided) - Panel Session	CHISIC Closing Ceremony Ballroom C
12:15pm	
Lunch Break and Student Poster Session	
1:05pm	
CHISIC Workshop Ballroom C	
1:30pm	
Workshop on Internet of Bodies	
2:45pm	
Break Ballroom Foyer	
2:50pm	
Break Ballroom Foyer	
3pm	
CHISIC Workshop Ballroom C	