



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



Continued from <b>Thursday, 23 April</b>	
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	