

Schedule: Sunday, October 29 - Wednesday, November 1, 2023

Check-in Desk: Surf & Sand: Sunday through Tuesday, Nautilus patio: Wed. morning

	Evergreen Oral Presentations	Oak Shelter Oral Presentations	Scripps Oral Presentations	Nautilus Oral Presentations	Chapel Hall Oral Presentations	Kiln Poster Presentations	Fred Farr Poster Presentations
	Session 1	Session 2	Session 3	Session 4	Session 5	Session 6	Session 6
SUN - PM	Sunday Oct. 29, 4:30-6:00 PM - Chapel Hall - Welcome and Tutorial Plenary Session						
MON -AM 8:15 - 9:55 [MAa]	Architecture for security	Deep learning for medical imaging	Optimization	Massive random access	Age of Information	MA6a1: Full duplex MIMO MA6a2: Federated learning over... MA6a3 & MA6a4: Reconfigurable intelligent surfaces I & II MA6a5: Modulation & coding	MA6a6: Comm systems: IoT, V2V, 5G MA6a7: Comm systems: optimization, latency, security
MON - AM 10:15 - 11:55 [MAb]	Hyperdimensional computing	SP for prosthetics	Edge computing & learning	Massive MIMO	ML over graphs	MA6b1: Simultaneous Tx-Rx MA6b2: Multiuser and massive MIMO MA6b3: Channel estimation MA6b4: Cell free system	MA6b5: MIMO communications MA6b6: Reflective intelligent surfaces III
[MPa]	Monday Oct. 30, 1:30-3:00 PM - Chapel Hall - Welcome and Plenary Session						
MON - PM 3:30 - 5:35 [MPb]	Neuromorphic computing	Statistical methods for neural analysis	Beamforming	Graph signal processing	Fast & scalable algorithms	MP6b1: Federated learning & wireless edge devices II MP6b2: ML for communication systems MP6b3: Wireless networks	MP6b4: Network optimization & information theory
TUE - AM 8:15 - 9:55 [TAa]	ML accelerators	Holographic approaches	Joint communicationn& sensing	Computational imaging		TA6a-1: Higher order network interactions TA6a-2: Learning with constraints TA6a-3: Modern applications TA6a4: Compressibve sensing & imaging	TA6a5: Supervised & self-supervised learning TA6a6: Estimation & inference
TUE - AM 10:15 - 11:55 [TAb]	Architecture for ML	Bioinformatics	Cell-free massive MIMO	Implicit neural representations		TA6b1: Algorithms for adaptive learning TA6b2: Deep learning	TA6b3: Advances in speech processing I TA6b4: Advances in speech processing II TA6b5: Computer vision & imaging
TUE - PM 1:30 - 3:00 [TPa]	Adaptive SP Session - Tribute to Sam Stearns	Bilevel Optimization	Generative moels	Co-design for computational sensing		TP6a1: Automotive radar TP6a2: Array processing applications	TP6a3: Source localization & separation TP6a4: Algorithms for array processing
TUE - PM 3:30 - 5:35 [TPb]	ML meets Monte Carlo	Reinforcement learning	Multi-channel speech processing	Advances in sensing & imaging		TP6b1: Single/multiphoton optical imaging TP6b2: ML for biomedical signal & image processing TP6b3: Biomedical signal & image processing	TP6b4: B5G/6G wireless TP6b5: Architecture & algorithms
WED - AM 8:15 - 9:55 [WAa]	Holographic MIMO	Networked optimization	mmWave massive MIMO	Channel charting			
WA - AM 10:15 - 11:30 [WAb]	MIMO for integrated sensing & comm	Online optimization & dynamical systems	Non-terrestrial comm	Secure aggregation			