SUN PM	STUDENT PAPER CONTEST 4:00-6:30 PM – HEATHER HALL				WELCOMING RECEPTION AT ASILOMAR 7:00-9:00 PM – MERRILL HALL			
MON AM 8:15-9:45 & 10:15-11:55 **[MA]**	CONFERENCE PLENARY SESSION – CHAPEL HALL **Plenary Speaker – Prof. Robert W. Heath** *Millimeter Wave MIMO Signal Processing* MA1a 8:15-9:45							
	NAUTILUS	TRITON	SCRIPPS	HEATHER	TOYON	ACACIA	SURF & SAND	MERRILL (Poster)
	MA1b Securing Crowded & Open Networks: Physical-Layer Security in 5G (Invited)	MA2b Dirty-RF for Multi-User Massive-MIMO (Invited)	MA3b Graph Signal Processing (Invited)	MA4b Nonconvex Optimization (Invited)	MA5b Theory for Next Generation Radar Systems (Invited)	MA6b Signal Processing-Enhanced Biomedical Instrument.	MA7b Dynamically Scheduled High-Level Synthesis (Invited)	MA8b 10:15-12:00 8b1 – Detection, Classification & Tracking 8b2 – Video and Image Processing 8b3 – Multimedia Processing
MON PM 1:30-3:10 & 3:30-5:10 [**MP**]	MP1a Network Inference (Invited)	MP2a Massive MIMO: Vision and Reality (Invited)	MP3a Distributed Methods for Large-Scale Optimization (Invited)	MP4a Low-dimensional Models for Big Data (Invited)	MP5a Mathematics of Super-Resolution (Invited)	MP6a Identification and Control of Neural Dynamics (Invited)	MP7a Machine Learning for Info. Retrieval, Speech, Image Proc. (Invited)	MP8a 1:30-3:00 8a1 – Large-Scale Data 8a2 – Message Passing & Matrix Factorization 8a3 – Computer Arith. II 8a4 – Computer Arch. II
	MP1b DNA Storage (Invited)	MP2b Cloud and Fog-Assisted 5G (Invited)	MP3b Dynamic Control in Wireless Networks (Invited)	MP4b High-dimen. Estimation: Theory & Algorithms (Invited)	MP5b Waveform & Array Optimiz. for Multistatic/ MIMO Radar (Invited)	MP6b Statistical Signal Proc. & Learning in Neuroscience (Invited)	MP7b Testbed-Based 5G Research (Invited)	No poster sessions 3:30 – 5:10
TUE AM 8:15-9:55 & 10:15-11:55 **[TA]**	TA1a Interface of Communications and Control (Invited)	TA2a Video Delivery over Wireless Caching Net.: Theory & Prac. (Invited)	TA3a Smart Networked Infrastructure (Invited)	TA4a Structured and Covariance Matrix Recovery (Invited)	TA5 Tensor Methods (Invited)	TA6a Signal Processing for Neuroimaging (Invited)	TA7a Computer Arithmetic (Invited)	TA8a 8:15-9:55 8a1 – Statistical SP 8a3 – Adaptive SP II 8a3 – Comp. Sensing 8a4 – Info. Theoretic & Networked Signal Process.
	TA1b Cognitive Networks (Invited)	TA2b Millimeter-Wave MIMO Wireless Systems (Invited)	TA3b Networks and Society (Invited)	TA4b Adaptive Sensing (Invited)	TA5 Tensor Methods (Invited)	TA6b Computation-al Ultrasound Imaging (Invited)	TA7b Computer Arithmetic Algorithms	TA8b 10:15-12:00 8b1 – Mass. MIMO Comm. 8b2 – MIMO Design 8b3 – Radar Array Process. 8b4 – Source Localization
TUE PM 1:30-3:10 & 3:30-5:35 **[TP]**	TP1a Fundamentals of mmWave Communica-tions	TP2a Noncoherent Wireless Communica-tions (Invited)	TP3a Medical Image Acquisition and Reconstruction (Invited)	TP4a Crowdsourcing (Invited)	TP5a Array Processing for Spectrum Sharing (Invited)	TP6a Biomedical signal Processing and Information Extraction (Invited)	TP7a Computer Architecture	TP8a 1:30-3:10 8a1 – Networks & Graphs 8a2 – Biomedical Signal Processing 8a3 – Networks & Applica. 8a4 – Networks for Comm.
	TP1b Hardware Designs for 5G Wireless Systems (Invited)	TP2b Massive MIMO Systems	TP3b Networks of the Brain (Invited)	TP4b Adaptive Signal Processing I	TP5b Sparsity and Structure in Human Bio-Imaging (Invited)	TP6b Asynchronous and Neural Computing (Invited)	TP7b Optimization Methods for Image Processing (Invited)	TP8b 3:30-5:10 8b1 – Privacy, Secrecy, & Channel Capacity 8b2 – Comm. System Design, Resource Allocat. 8b3 – Coding Theory, Seq. 8b4 – Detection Methods & mmWave Systems
WED AM 8:15-9:55 & 10:15-11:55 **[WA]**	WA1a Theory of Wireless Systems	WA2a MIMO Channel Estimation	WA3a Wireless Networks	WA4 Computational Imaging (Invited)	WA5a Information Limits and Signals Representa-tions (Invited)	WA6a Signal Processing for Hearing Aids (Invited)	WA7a Hardware Design for Machine Leaning (Invited)	No Poster Sessions Wednesday AM
	WA1b Theory of Structured Waveforms	WA2b Speech Processing	WA3b Signal Proc. over Graphs and Networks	WA4 Deep Learning and Applications	WA5b Array Signal Processing Algorithms	WA6b Neural Signal Processing	WA7b Video Processing	