Complete Program Flow for Thematic Symposia (TS)

Tutorials	April 19	14:00 | 17:00							**T-1** Analysis and Retrieval Techniques for Music and Motion Data
	April 20	09:00 | 12:00	**T-11** A Unified Design Framework for Non-Linear MIMO Transceivers Using Majorization Theory		**T-6** Distributed Adaptive Filters and Networks	**T-7** Distributed Processing in Smart Cameras	**T-10** Distributed Source Coding: Theory, Code Designs and Applications		
		14:00 | 17:00	**T-17** Game Theory and Resource Allocation in Wireless Communications						**T-14** Recent Developments in Content-based and Concept-based Image/Video Retrieval
Formal Sessions	April 21	Plenary 09:30 | 10:30	**Plenary-1** Dynamic Spectrum Management Plenary Hall						
		11:00 | 13:00	**SPCOM-L1** Cognitive Radio and Dynamic Spectrum Management 101C						
		Panel 13:20 | 14:20	**Panel-1** Signal Processing for 4G Wireless 4F VIP						
		14:30 | 16:30	**Overview Talk-L1** Signal Processing for 4G Wireless Plenary Hall		**SPTM-L1** Cooperative Processing over Adaptive Networks 4F VIP				
		17:00 | 19:00	**SPCOM-L2** Resource Allocation, Optimization, and Game Theory 101C						
	April 22	09:30 | 11:30	**SS-L4** Signal Processing Challenges for 4G Wireless Communications 102	**SPCOM-P4** Relay and Cooperative Systems Poster Area F	**SPTM-L3** Detection and Estimation over Networks 4F VIP	**SAM-P3** Sensor Networks II Poster Area A			
		13:00 | 15:00	**SS-L5** Interference Channels and Spectrum Sharing 102		**Overview Talk-L2** Network Distributed Signal Processing Plenary Hall				
		15:30 | 17:30	**SPCOM-L3** Precoding, Beamforming, and Resource Allocation 101C		**SS-L6** Distributed Signal Processing and Consensus Gossiping 102				
	April 23	Plenary 08:30 | 09:30							
		10:00 | 12:00			**SAM-L2** Sensor Networks I 101D				
		13:30 | 15:30			**SPCOM-L4** 1079 Sensor Networks, Distributed Estimation, and Consensus Averaging I 101C				
		16:00 | 18:00				**SPCOM-P7** Sensor Networks, Distributed Estimation, and Consensus Averaging II Poster Area F			
	April 24	10:00 | 12:00							
		Panel 12:20 | 13:20							
		13:30 | 15:30							
		16:00 | 18:00							

TS-1 Signal Processing for 4G Wireless

TS-2 Network Distributed Signal Processing

TS-3 Immersive Communication

TS-4 Multimedia Search and Retrieval

SPE-L6 Speech Enhancement I 101A+B	**SPTM-P3** Source Separation Poster Area E	**SS-L8** The Data Deluge: The challenges and opportunities of unlimited data in signal processing 102	**MMSP-P2** Multimedia Database Poster Area A
IVMSP-L5 Stereoscopic and 3-D Processing 101A+B	**AE-P3** Acoustic Echo Control and Microphone Array Signal Processing Poster Area F	**SPE-L9** Voice Search and Spoken Term Detection Plenary Hall	**IVMSP-P7** Image Retrieval, and Image Quality Assessment Poster Area B
Plenary-3 Cognitive User Interfaces: An Engineering Approach Plenary Hall		**MMSP-L2** Multimedia Indexing & Retrieval 103	
AE-L4 Microphone and Loudspeaker Array Signal Processing 101C	**MMSP-P1** Multimodal Systems & Applications Poster Area A	**Panel-4** Mobile Media Search 4F VIP	
Overview Talk-L3 Immersive Communication Plenary Hall		**Overview Talk-L4** Multimedia Search and Retrieval Plenary Hall	
SS-L9 Handling Reverberant Speech: Methodologies and Applications 102		**SS-L12** Video Search and Event Analysis 102	**SLP-P4** Speech Retrieval/Mining and Spoken Term Detection Poster Area D
SPE-L11 Speech Enhancement II Plenary Hall			