



# IEEE International Symposium on Intelligent Signal Processing and Communication Systems 2017

NOVEMBER 6-9, 2017, XIAMEN, CHINA

## Conference Program

Monday, November 6, 2017

Time	Events	Location
09:00 –18:00	Registration	Main Lobby
18:00 –20:30	Welcome Reception	CAFÉ Realm

Tuesday, November 7, 2017

Time	Events	Location	
08:30 - 18:00	Registration	Main Lobby	
08:30 - 09:30	Opening Ceremony	JIMEI Ballroom A	
09:30 - 10:30	Keynote Speech 1: Why Deep Learning Networks Work So Well? Professor C.-C. Jay Kuo, IEEE Fellow, AAAS Fellow, SPIE Fellow <i>University of Southern California, USA</i>	JIMEI Ballroom A	
10:30 - 10:50	Coffee Break	JIMEI Ballroom A	
10:50 - 11:50	Keynote Speech 2: The Active Efficient Coding Framework for the Joint Emergence of Perception and Behavior Professor Bertram E. Shi, IEEE Fellow <i>Hong Kong University of Science and Technology, Hong Kong</i>	JIMEI Ballroom A	
12:00-14:30	Lunch Time		
14:30 - 15:50	Lecture Sessions	Paper IDs	
	TP-L1: Machine Learning for Image and Video Processing I	104, 136, 284, 314, 278	JIYUAN Room A
	TP-L2: Visual Quality Assessment	135, 29, 133, 282	JIYUAN Room B
	TP-L3: Communication Theory	100, 236, 261, 357	JIYUAN Room C
	TP-L4: (SS) Imaging and Processing of Astronomical Big Data	232, 259, 311, 316, 318	JINGXIAN Room
	TP-L5: Adaptive, Non-linear and Multidimensional Signal Processing I	22, 266, 126, 2, 328	XUNJIANG Room
	TP-L6: Advanced Signal Processing I	239, 101, 128, 248, 209	Bay Executive Lounge
15:50 - 16:10	Coffee Break		
16:10 - 17:40	Lecture Sessions	Paper IDs	
	TQ-L1: Machine Learning for Image and Video Processing II	109, 114, 281, 262, 254	JIYUAN Room A
	TQ-L2: Image & Video Coding	257, 143, 153, 336, 339, 329	JIYUAN Room B
	TQ-L3: Audio/Speech Processing and Coding	23, 85, 223, 271, 315	JIYUAN Room C
	TQ-L4: (SS) Signal Processing For Multimedia Security: Steganography, Steganalysis and Active/Passive Forensics	38, 45, 46, 107, 115, 170, 171	JINGXIAN Room
	TQ-L5: Registration, Fusion, and Matching	138, 139, 246, 291, 43, 269	XUNJIANG Room
	TQ-L6: Multimedia Systems	120, 260, 301, 285, 152, 157	Bay Executive Lounge

Wednesday, November 8, 2017

Time	Events	Location	
08:30 - 18:00	Registration	Main Lobby	
09:00 - 10:00	Keynote Speech 3: When Optical Spectra Meet Big Data for Wireless Communications Professor Zhengyuan Xu, Thousand Talents Program of China <i>University of Science and Technology of China, China</i>	JIMEI Ballroom A	
10:00 - 10:30	Coffee Break	JIMEI Ballroom A	
10:30 - 11:30	Keynote Speech 4: Gated Deep Neural Networks for Adaptive Information Flow Dr. Gang Wang, Chief Scientist <i>Alibaba AI Lab, China</i>	JIMEI Ballroom A	
12:00 - 14:30	Lunch Time		
14:30 - 15:50	Lecture Sessions	Paper IDs	
	WP-L1: Object Detection, Classification and Recognition I	121, 213, 334, 238, 263	JIYUAN Room A
	WP-L2: Coding, Modulation and Signal Processing for Communication System I	169, 129, 99, 111, 131	JIYUAN Room B
	WP-L3: Radar, Antennas, and Optical Signal Processing	163, 211, 272, 332, 274	JIYUAN Room C
	WP-L4: (SS) Advanced Signal Processing and Its Applications	172, 268, 304, 327, 156	JINGXIAN Room
	WP-L5: Computing Technologies	102, 103, 173, 174, 145	XUNJIANG Room
	WP-L6: Analog, Mixed-signal, and RF Circuits & Systems I	4, 12, 10, 245	Bay Executive Lounge
15:50 - 16:10	Coffee Break		
16:10 - 17:40	Lecture Sessions	Paper IDs	
	WQ-L1: Object Detection, Classification and Recognition II	32, 35, 287, 335, 119	JIYUAN Room A
	WQ-L2: Image Processing I	117, 118, 30, 40, 110, 229	JIYUAN Room B
	WQ-L3: (SS) Intelligent 5G Communications	56, 57, 374, 123	JIYUAN Room C
	WQ-L4: (SS) Video/Image Processing Techniques for New Media	151, 161, 208, 253, 289	JINGXIAN Room
	WQ-L5: Adaptive, Non-linear and Multidimensional Signal Processing II	127, 277, 105, 3	XUNJIANG Room
	WQ-L6: Analog, Mixed-signal, and RF Circuits & Systems II	240, 241, 243, 17, 20	Bay Executive Lounge
18:30 - 21:30	Banquet	JIMEI Ballroom A	

## Thursday, November 9, 2017

Time	Events	Location	
08:30 - 18:00	Registration	Main Lobby	
08:30 - 09:50	Lecture Sessions	Paper IDs	
	NP-L1: Image Processing II	122, 192, 177, 190, 165	JIYUAN Room A
	NP-L2: Analog, Mixed-signal, and RF Circuits & Systems III	5, 11, 16, 19, 338	JIYUAN Room B
	NP-L3: (SS) High-Level Semantic Data Mining in Signal Processing and Communication	113, 164, 196, 247, 264	JIYUAN Room C
	NP-L4: (SS) Advanced Image Processing Techniques for Drone Applications	333, 340, 342, 343	JINGXIAN Room
	NP-L5: Circuits & Systems I	14, 258, 250, 8, 13	XUNJIANG Room
	NP-L6: Advanced Signal Processing II	44, 331, 7, 300, 275	Bay Executive Lounge
09:50 - 10:10	Coffee Break		
10:10 - 11:30	Lecture Sessions	Paper IDs	
	NQ-L1: Image Processing III	69, 106, 273, 283, 190	JIYUAN Room A
	NQ-L2: Coding, Modulation and Signal Processing for Communication System II	132, 137, 344, 356, 267, 288	JIYUAN Room B
	NQ-L3: (SS) Nanoscale and Molecular Communications	142, 146, 290, 292	JIYUAN Room C
	NQ-L4: (SS) Emerging Wireless Communication Technologies	168, 178, 184, 185, 252, 276	JINGXIAN Room
	NQ-L5: Circuits and Systems II	18, 21, 36, 144, 286	XUNJIANG Room
12:00 – 13:00	Lunch Time		
13:00-18:00	Social Event	Main Lobby	