Program

August 25, 2011 (Thursday)	
12:30-13:00	Registration
13:00-13:10	Opening Ceremony (Moderator: Yi-Kai Su)
13:10-13:20	Welcoming Address: Jun-Fa Mao
13:20-13:30	Greeting Address: Jaehoon Choi
13:30-14:00	SJTU & SEIEE Introduction: Ping Li
14:00-14:30	Invited talk I: Dr. Zhi-Hua Ling (Chair: Gu-Feng He)
14:30-14:40	Coffee Break
14:40-16:10	Paper Presentation I: Display & Semiconductor - HYU (Chair: Jian-Gang Lu，Hon-Hang Fong)	1) Organic Light-Emitting Diode-on-Silicon Pixel Circuits for Microdisplay Applications By Bong-Choon Kwak, Jae Sung An, and Oh-Kyong Kwon 2) Image Quality Enhancement in AMOLED Micro-display for Mobile Projectors By Byong-Deok Choi, In-Su Park, Jong-Seok Kim, Jin-Ha Hwang and Tae-Wook Kim 3) Improvement of Reverse Domain in Chiral Hybrid In-Plane Switching Liquid Crystal Mode by the Stacked Alignment Layers By Young Eun Kang, Kwang-Soo Bae, You-Jin Lee, Jae-Hoon Kim, and Chang-Jae Yu 4) Super VA mode with surface modification using reactive mesogen mixed in alignment layer By Soo In Jo, You-Jin Lee, Chang-Jae Yu, and Jae-Hoon Kim 5) Organic light-emitting devices fabricated utilizing exciplex formation at heterointerfaces between 4,4',4"-tris(2-methylphenyl-phenylamino) triphenylamine layer and the 9,10-di(2-naphthyl) anthracene layer By Young Pyo Jeon, Kwang Seop Lee, Dong Chul Choo, and Tae Whan Kim 6) Cell Characteristics of a Metal Alloy Nanodots Memory with Al_2O_3 block Oxide By Gae hun Lee, Jung min Lee, and Yun heub Song
16:10-16:20	Coffee Break	
16:20-17:35	Paper Presentation II: Display & Semiconductor–SJTU (Chair: Chang-Jae Yu)	1) 1D/2D switchable grating based on field-induced polymer stabilized blue phase liquid crystal By Ji-Liang Zhu, Jian-Gang Lu [*], Jing Qiang, En-Wei Zhong, Zhi-Cheng Ye, Zheng-Hong He, Xiao-Jun Guo, Cheng-Yuan Dong Yi-Kai Su，and Han-Ping D. Shieh 2) Orthogonal Processing and Patterning Enabled by Highly Fluorinated Light-Emitting Polymers By Hon Hang Fong, Jin-Kyun Lee, Yee-Fun Lim, Alexander A. Zakhidov, Wallace W. H. Wong, Andrew B. Holmes, Christopher K. Ober, and George G. Malliaras

		3) Down-Scaling of Thin-Film Transistors: Opportunities and Design Challenges By Xiaojun Guo 4) Surface Plasmon mediated transmission in double-layer metallic grating polarizers By Zhicheng Ye, Yao Peng, Tianrui Zhai, Ying Zhou and Dahe Liu 5) Formation dynamics of holographic cine film for 3D display based on polymer-dispersed liquid-crystal By Zhenghong He, Hongyue Gao, Qiang Shi, Xiao Li, Yikai Su
18:00-20:00	Welcoming Reception (Liu Yuan in SJTU)	
August 26, 2011 (Friday)		
9:35-10:05	Invited talk II ：Prof. Whoi-Yul Kim (Chair: Xiao-Jun Guo)	
10:05-10:15	Coffee Break	
10:15-11:30	Paper Presentation III: Computer Science-HYU (Chair: Wu-Jun Li)	1) Probabilistic Temporal Prediction for Proactive Action Selection By Woo Young Kwon and Il Hong Suh 2) BOTNETS OVER CLOUD By Biao Jiang, Eul Gyu Im 3) Energy Consumption Analysis of the Inner Data Bus for AES Hardware Modules By Jae Seong Lee, Young-Jun Kim and Dong Kyue Kim 4) Error Performance Analysis for 4+12+16 APSK Signal over a Satellite Channel By Yeonsoo Jang, Jaeyoon Lee, Sangkyu Park, and Dongweon Yoon 5) Frequency Allocation Scheme to Maximze Cell Capacity in a Cellular System with Cooperative Relay By Seounghun Jee, Wooju Lee, Kyongkuk Cho, Yeonsoo Jang and Dongweon Yoon
11:30-13:00	Lunch	
13:00-14:00	Paper Presentation IV: Computer Science - SJTU (Chair: Eul Gyu Im)	1) Non-photorealistic Virtual Sculpting on GPU By Bin Sheng 2) Opportunistic Routing in Multi-Channel, Multi-Radio Wireless Mesh Networks By Fan Wu 3) Enhance K-Nearest Neighbour Algorithm for Large-scale Multi-labeled Hierarchical Classi_cation By Xiaolin Wang, Hai Zhao, Bao-Liang Lu 4) Automatic Inference of Movements from Contact Histories By Pengcheng Wang, Zhaoyu Gao, Xinhui Xu, Yujiao Zhou, Haojin Zhu and Kenny Q. Zhu
14:00-14:10	Coffee Break	
		1) An New Postprocessing Deblocking Algorithm for BDCT Coded Images

14:10-15:10	Paper Presentation V: Communication & Image Processing - HYU (Chair: Xin-Bing Wang, Wei-Yao Lin)	By Jin Wang and Jechang Jeong, 2) An Optimization for Fast Generation of Digital Hologram By Joong-Seok Song, Jungsik Park, Sungwoo Kim and Jong-Il Park 3) Music Composition using Natural Motion of Fish based on Running Average Background Model By Wah-Seng Yap, Dong-Chan Cho , Whoi-Yul Kim 4) HAND SHAPE RECOGNITION USING DISTANCE TRANSFORM AND SHAPE DECOMPOSITION By Junyeong Choi, Eun Joo Rhee and Jong-Il Park
15:10-15:20	Coffee Break	
15:20-16:20	Paper Presentation VI: Mobile Communication & Image Processing - SJTU (Chair: Jechang Jeong)	1) Energy-Constrained Cooperative Spectrum Sensing in Cognitive Radio Networks By Xinxin Feng, Xiaoying Gan, Xinbing Wang 2) A Distributed Relay Selection Algorithm Using Game on Real-Time Testbed By Zhengyang Qu, Shen Gu, Guannan Yang, Xinbing Wang, Xiaohua Tian, Xiaoying Gan 3) A New Temporal-Constraint-Based Algorithm by Handling Temporal Qualities for Video Enhancement By Jun Xie, Weiyao Lin, Hongxiang Li, Ning Xu, Hongyu Gao, Lining Zhang 4) A New Global-based Video Enhancement Algorithm by Fusing Features of Multiple Local Regions By Ning Xu, Weiyao Lin, Yuanzhe Chen, Hangzai Luo, Hongxiang Li, Chunli Wang
16:20-18:00	SEIEE Lab Visit	
18:20-20:00	Banquet (Dong Hu Xuan, SJTU)	
August 27, 2011 (Saturday)		
10:00-11:00	Closing Ceremony	