ICCCN 2008 Program at a Glance

Date	Time	Harbor I	Harbor II	Harbor III	Island I/II	Island III/IV	Island V/VI
Sun (August 3)	8:30 Š 11:30		S1.1: Qualcomm-sponsored Tutorial 1: Overview of Advanced Technologies in Ultra Mobile Broadband Communication Systems Presenter: Michael Wang, Qualcomm, USA	S1.2: Qualcomm-sponsored Tutorial 2: Game Theory for Wireless Networks Presenter: Mainak Chatterjee, University of Central Florida, USA			
	11:30-13:00	SL: Lunch					
	13:00-17:00		S2.1: Qualcomm-sponsored Tutorial 3: Digital Media Distribution: Trends, Challenges and Opportunities Presenters: Sanjoy Paul, InfoSys Technologies Limited, USA; Katherine Guo, Bell Labs, Alcatel-Lucent, USA	S2.2: Qualcomm-sponsored Tutorial 4: Distributed Source Coding and its Applications Presenters: Vladimir Stankovic and Lina Stankovic, University of Strathclyde, Glasgow, UK; Samuel Cheng, University of Oklahoma, USA			

Date	Time						
Mon (August 4)	7:00-8:00	MBF: Breakfast					
	8:00-8:15	M1: Plenary Session (Harbor I) General Chair: Haohong Wang (Marvell Semiconductors, US) TPC Chair: Byrav Ramamurthy (University of Nebraska-Lincoln)					
	8:15 Š 9:30	M2: Keynote I: Sensing the Next Tier of the Internet (Harbor I) Speaker: Dr. David E. Culler (CTO of Arch Rock Corporation), University of California-Berkeley Chair: Haohong Wang (Marvell Semiconductors, USA)					
	9:15-9:45	MB1: Break					
	9:45-11:45		M3.1: Best Paper Candidates - I Chair: Chair: Byrav Ramamurthy (University of Nebraska-Lincoln, USA)	M3.2: Network Virtualization and Node Design (FIAP1) Distinguished Speaker: George Rouskas Chair: Sergey Gorinsky (Washington University in St. Louis, USA)	M3.3: Network Algorithms and Analysis (NAPE 1) Chair: Pavan Balaji (Argonne National Laboratory, USA)	M3.4: Resource Management (PCMN 1/WSN) Chair: Jiannong Cao (Hong Kong Polytechnic Univ, Hong Kong)	
	11:45-13:00	ML: Lunch (on your own)					
	13:00-14:30		M4.1: Best Paper Candidates - II Chair: Chair: Arun Somani (Iowa State University, USA)	M4.2: Wireless Sensor Networks (WSN 1) Distinguished Speaker: P.R. Kumar Chair: Alvin Lim (Auburn University, USA)	M4.3: Network Architectures and Deployment Incentives (FIAP2) Chair: Tilman Wolf (University of Massachusetts, USA)	M4.4: 3G and Beyond and WiFi (NGWN/NS) Chair: Bala Natarajan (Kansas State University, USA)	
	14:30-14:45	MB2: Break					
	14:45-16:15		M5.1: Quality of Service (QoS 1) Distinguished Speaker: Guoliang Larry Xue Chair: Niki Pissinou (Florida International University, US)	M5.2: Sensor and ad hoc nets (WSN) Distinguished Speaker: Mukesh Singhal Chair: Xiaolin Li (Oklahoma State University, USA)	M5.3: Internet and Multimedia (ISA/MNET) Chair: Aaron Striegel (University of Notre Dame, USA)	M5.4: Network Measurements and Performance Evaluation (NAPE 2) Chair: Kartik Gopalan (State University of New York at Binghamton, USA)	
	16:15-16:30	MB3: Break					
	16:30-17:30	M6: Panel 1: Pervasive and Mobile Computing: Continued Challenges and Opportunities (Harbor I) Moderator: Prof. Sajal Das, University of Texas at Arlington, USA					
	18:30-20:00	RN: Reception (Harbor IV)					

Tuesday (August 5)

Time	Session A	Session B	Session C	Session D
7:00-8:00	TBF: Breakfast			
8:00 Š 9:15	T1: Keynote II: Telecom Networks: The Road Ahead (Harbor I) Speaker: Biswanath Mukherjee, University of California-Davis Chair: Byrav Ramamurthy (University of Nebraska-Lincoln, USA)			
9:15-9:45	TB1: Break			
9:45-11:45	T2.1: Optical Grooming and OBS (ON 1) Distinguished Speaker: Ronald Luijten Chair: George Rouskas (NCSU)	T2.2: Internet Peer-to-Peer Technologies (ISA 1) Distinguished Speaker: K.K. Ramakrishnan Chair: Duc Tran (UMass Boston, USA)	2.3: Video, Coding and Signal Processing (SPC) Chair: Weisi Lin (Nanyang Technological University, Singapore)	T2.4: Routing and topology control (PAWN 1/WSN) Chair: Arunita Jaekel (School of Computer Science, University of Windsor, Canada)
11:45-13:00	TL: Lunch (on your own)			
13:00-14:00	T3: Panel 2: Sensor Networks: Future Challenges and Applications (Harbor I) Moderator: Tarek Abdelzaher, University of Illinois at Urbana Champaign, USA			
14:00-14:15	TB2: Break			
14:15-15:45	T4.1: Network Design (ON 2) Chair: Chair: Vinod Vokkarane (University of Massachusetts Dartmouth, USA)	T4.2: Cross-Layer Design (CLDO 1) Distinguished Speaker: Ness Shroff Chair: Qing-An Zeng (University of Cincinnati, USA)	T4.4: Quality of Service (QoS 2) Chair: Ming Li (California State University, USA)	T4.3: Medium access control (PAWN 2) Chair: Lavy Libman (NICTA, Australia)
15:45-16:00	TB3: Break			
16:00-17:30	T5.1: Internet, Video and Voice Distinguished Speaker: Chang Wen Chen; Hiroshi Inamura Chair: Nasir Ghani (University of New Mexico, USA)	T5.2: Data Security (NS 1) Chair: K. K. Ramakrishnan (AT&T Labs. Research, USA)	T5.3: Network Planning (ON 3/MNET) Chair: M Robert Ito (University of British Columbia, Canada)	T5.4: Energy efficiency and Location (PAWN 3) Chair: Geoff Merrett (University of Southampton, United Kingdom)
18:30-21:00	BQ: Banquet and Awards Ceremony (Harbor IV) Chair: Haohong Wang (Marvell Semiconductors, USA); Byrav Ramamurthy (University of Nebraska-Lincoln, USA)			

Wednesday (August 6)

Time	Session A	Session B	Session C	Session D
7:00-8:00	WBF: Breakfast			
8:00 Š 9:15	W1: Keynote III: Trends, Grand Challenges, and Opportunities in Networking Technology and Systems (Harbor I) Speaker: Taieb Znati (NSF Division Director), University of Pittsburgh Chair: Suresh Subramaniam, The George Washington University			
9:15-9:45	WB1: Break			
9:45-11:45	W2.1: NSF Funding Forum Speakers: Jie Wu, NSF and Florida Atlantic University; Taieb Znati, NSF and University of Pittsburgh	W2.2: WiMAX Report on Multihop Cellular Networks: Technology and Standardization Speakers: Mike Hart, UK Broadband; Zhifeng Tao, Mitsubishi Electric Research Lab; Yuefeng Zhou, NEC Europe	W2.3: Cognitive Radio and Info Theory (CRN/CIT) Chair: Mort Naraghi-Pour (Louisiana State University, USA)	W2.4: Wireless Testbeds and Protocols (WPAT) Chair: Irfan Awan, University of Bradford
11:45-13:00	WL: Lunch (on your own)			
13:00-14:00	W3: Panel 3: Peer Assisted Content Delivery: Challenges and Opportunities (Harbor I) Moderator: Dr. Jin Li, Microsoft Research			
14:00-14:15	WB2: Break			
14:15-15:45	W4.1: Cross-Layer Design (CLDO 2) Distinguished Speaker: Kia Makki Chair: Kuang-Ching Wang (Clemson University, USA)	W4.2: Security and Modeling (PCMN 2) Distinguished Speaker: Jie Wu Chair: Raja Jurdak (University College Dublin, Ireland)	W4.3: ANC Workshop 1: Routing, Multicast and Performance Chair: Vladimir Stankovic (University of Strathclyde, United Kingdom)	W4.4: ANC Workshop 2: Medium Access, UWB and P2P Chair: Fan Zhai (Texas Instruments, USA)
15:45-16:00	WB3: Break			
16:00-17:30	W5.1: Internet Security (NS 2) Chair: Niki Pissinou (Florida International University, USA)	W5.2: Wireless Networking (NAPE 3/PCMN) Chair: Jie Wu (Florida Atlantic University and National Science Foundation, USA)	W5.4: ICCCN 2009 Planning Meeting Chair: Byrav Ramamurthy (University of Nebraska-Lincoln, USA)	W5.3: ANC Workshop 3: Wireless and Sensor Networks Chair: Samuel Cheng (University of Oklahoma, USA)

	7:00-8:00	RBF: Breakfast				
	8:00 Š 9:15	R1: Keynote IV: GENI - Global Environment for Network Innovations (Harbor I) Speakers: Dr. Chip Elliot, BBN Technologies and GENI Project Director Chair: Xiaolin Li, Oklahoma State University					
	9:15-9:25	R2: Workshop Opening Remarks (Harbor I)				
	9:25-9:40	WB1: Break				
	9:40-10:40		R3.1: PMECT Ia: Performance Analysis in Heterogonous Wireless Networks Chair: Iain Phillips (Loughborough University, United Kingdom)	R3.2: SN Ia: Applications Chair: Jose Esteban Garc'a Ruiz (Telefonica I+D, Spain)	R3.3: IPMC I: Multimedia Networking & Streaming Chair: Fernando Silva (Instituto Superior Tecnico, Lisbon, Portugal, Portugal)	R3.4: IMAP I: Video Processing & Communication Chair: Jiannong Cao (Hong Kong Polytechnic Univ, Hong Kong)	R3.5: SoCCaN I: Cryptography and Data Security Chair: Depeng Li (Dalhouise University, Canada)
Thu (August 7)	10:40-12:00		R4.1: PMECT Ib Performance Analysis in Heterogonous Wireless Networks Chair: Iain Phillips (Loughborough University, United Kingdom)	R4.2: SN Ib: Applications Chair: Jose Esteban Garc'a Ruiz (Telefonica I+D, Spain)			
	12:00-13:30	RL: Lunch (on your own)				
	13:30-14:30	R5: IPMC-IMAP II: Joint Plenary Talk: Video Quality and Video Databases Speaker: Al Bovik, The University of Texas at Austin Chair: Fan Zhai (Texas Instruments, USA)		R5.2: SN IIa: Energy Efficiency and Network Lifetime Chair: Bouabdellah Kechar (University of Oran, Algeria)			
	14:30-14:45	RB2: Break				
	14:45-15:45		R6.1: PMECT III: Performance Modeling of QoS and Platforms Chair: Lin Guan (Loughborough University, United Kingdom)	R6.2: SN IIb: Efficiency and Network Lifetime Chair: Bouabdellah Kechar (University of Oran, Algeria)	R6.3: IPMC III: Multimedia Coding and Analysis Chair: Ghassan AlRegib (Georgia Institute of Technology, USA)	R6.4: IMAP III: Audio/Visual Info Processing Chair: Changxue Ma (Motorola INC, USA)	R6.5: NGASHPC I: Storage System Chair: Lei Liu (Sun Microsystems, Inc., USA)
	15:45-16:00	RB3: Break				
	16:00-18:00		R7.1: SN III: Architecture, Control, and Service Chair: Kuang-Ching Wang (Clemson University, USA)	R7.2: SN IV Localization, Positioning and Routing Chair: Faruk Bagci (University of Augsburg, Germany)	R7.3: IPMC IV: Multimedia Networking, Streaming, and Coding Chair: Jun Kyun Choi (Information Communication University, Korea)	R7.4: IMAP IV: Intelligent Image/Video Processing Chair: Chang Wen Chen (State University of New York at Buffalo, USA)	R7.5: SoCCaN III: Network Security Chair: Weisi Lin (Nanyang Technological University)

Details of Distinguished Invited Talks

Prof. Chang Wen Chen (IEEE Fellow, SPIE Fellow)
University at Buffalo, State University of New York, USA
Title: Technical Challenges in Video Coding for Future Digital Entertainment

Mr. Hiroshi Inamura
DoCoMo Communications Laboratories USA, Inc.
Title: Insights into Handset Technologies for Broadband Cellular Systems

Prof. P.R. Kumar (IEEE Fellow, NAE Member)
Franklin W. Woeltge Professor, Department of Electrical and Computer Engineering
Research Professor, Coordinated Science Laboratory
University of Illinois, Urbana-Champaign, USA
Title: Wireless networking: From communication to sensing and actuation

Mr. Ronald Luijten
IBM Research Laboratory, Zurich, Switzerland
Title: OSMOSIS: the IBM and Corning optical switch demonstrator

Prof. Kia Makki
Lucent Technology Professor, Telecommunications and Information Technology
Institute, College of Engineering, Florida International University, USA
Title: Multicast Routing in Communication Networks

Dr. K. K. Ramakrishnan
DMTS, AT&T Labs - Research, USA
Title: Cooperative use of P2P and Multicast for Video-on-Demand

Prof. George N. Rouskas
Professor, North Carolina State University, USA
Title: A composable network architecture for enabling cross-layer interactions

Professor Ness B. Shroff (IEEE Fellow)
Ohio Eminent Scholar in Networking and Communications,
Professor of ECE and CSE, The Ohio State University, USA
Title: Cross-Layer Design for Wireless Networks

Prof. Mukesh Singhal (IEEE Fellow)
Gartner Group Endowed Chair in Networking, University of Kentucky, USA
Title: A New Model for Robust Routing in Large Mobile Ad Hoc Networks

Prof. Jie Wu
Distinguished Professor, Department of Computer Science and Engineering, Florida
Atlantic University
Program Director, NSF
Title: Mobility in Ad Hoc Wireless Networks: Friend or Foe

Prof. Guoliang (Larry) Xue
Professor of Computer Science and Engineering, Arizona State University, USA
Title: Multiconstrained QoS Routing: Advances and Challenges

Details of Panels

Panel 1: Pervasive and Mobile Computing: Continued Challenges and Opportunities
   Moderator:
      Prof. Sajal Das, University of Texas at Arlington, USA
   Panelists:
   Prof. Jie Wu, NSF, USA (Director, IEEE Distinguished Visitor)
   Prof. Jiannong Cao, Hong Kong Polytechnic University, Hong Kong
   Dr. Lavy Libman, NICTA, Sydney, Australia
   Prof. P.R. Kumar, University of Illinois at Urbana Champaign, USA (NAE member, IEEE Fellow)

Panel 2: Sensor Networks: Future Challenges and Applications
Moderator:
   Prof. Tarek Abdelzaher, University of Illinois at Urbana Champaign, USA
Panelists:
Prof. Jack Stankovic, University of Virginia, USA (IEEE Fellow, ACM Fellow)
Prof. Mani Srivastava, University of California, Los Angeles, USA (IEEE Fellow)
Prof. Xenofon D. Koutsoukos, Vanderbilt University, USA
Prof. P.R. Kumar, University of Illinois at Urbana Champaign, USA (NAE member, IEEE Fellow)
Prof. Taieb Znati, NSF, USA

Panel 3: Peer Assisted Content Delivery: Challenges and Opportunities
Moderator:
   Dr. Jin Li, Microsoft Research, USA
Panelists:
Mr. Laird Popkin, Pando Network, USA (CTO)
Mr. Harvey Benedict, Kontiki, USA (VP of Corporate Development and Strategy)
Prof. Thinh Nguyen, Oregon State University, USA