

VTC2006-S PROGRAM OVERVIEW

SUNDAY 7 May 2006	8:30 - 17:00	Registration								SUNDAY 7 May 2006	
	9:30 - 13:00	Tutorial T1 Grosvenor			Tutorial T2 Mayfair 2			Tutorial T4 Mayfair 3			
		3G and Beyond, Uma S. Jha, Qualcomm			Cooperative Wireless Communications - Mischa Dohler, France Telecom and Hamid Aghvami, King's College London			Adaptive OFDM vs MC-CDMA for Next-Generation Wireless Systems - Lajos Hanzo, Univ. of Southampton			
	13:00 - 14:00	Lunch									
	14:00 - 17:30	Tutorial T3 Grosvenor			Tutorial T4 (continued) Mayfair 3			Tutorial T4 (continued) Mayfair 3			
	Adaptive MIMO Techniques and Performance - Iain B. Collings, ICT Centre, CSIRO, Australia and Robert W. Heath Jr., The University of Texas at Austin			Adaptive OFDM vs MC-CDMA for next-generation wireless systems - Lajos Hanzo, Univ. of Southampton							
19:00 - 21:00	Welcome Reception (Savoy)										
MONDAY 8 May 2006	7:30 - 17:00	Registration								MONDAY 8 May 2006	
	8:30 - 10:10	Opening Plenary (Savoy)									
	10:10 - 10:40	Coffee Break									
	10:40 - 12:20	<i>Session 1A</i> Kensington	<i>Session 1B</i> Bristol	<i>Session 1C</i> Grosvenor	<i>Session 1D</i> Connaught	<i>Session 1E</i> Mayfair 1	<i>Session 1F</i> Mayfair 2	<i>Session 1G</i> Mayfair 3	<i>Session 1H</i> Lumina		<i>Poster 1P</i> Pre-Function Area
		Future Wireless PHY/MAC 1	Ad-hoc Networks 1: MAC Protocols	Scheduling & Resource Allocation	Coding/Decoding	MIMO 1	OFDM	Ultra-Wideband Systems 1	Antennas		Transmission Technology Posters 1
		<i>Chair: Xiaoming Fu, University of Goettingen, Germany</i>	<i>Chair: G.S. Kuo, NCCU, Taiwan</i>	<i>Chair: Mischa Dohler, France Telecom</i>	<i>Chair: Gerhard Bauch, DoCoMo Euro-Labs, Germany</i>	<i>Chair: Alister Burr, University of York, UK</i>	<i>Chair: Chandranath Athaudage, University of Melbourne, Australia</i>	<i>Chair: Wanzhi Qiu, National ICT Australia</i>	<i>Chair: Sébastien Roy, Université Laval, Canada</i>		
	12:20 - 13:50	Lunch (Savoy)									
	13:50 - 15:30	<i>Session 2A</i> Kensington	<i>Session 2B</i> Bristol	<i>Session 2C</i> Grosvenor	<i>Session 2D</i> Connaught	<i>Session 2E</i> Mayfair 1	<i>Session 2F</i> Mayfair 2	<i>Session 2G</i> Mayfair 3	<i>Session 2H</i> Lumina		<i>Poster 2P</i> Pre-Function Area
		Cooperative Networks' Integration/ Interworking	Sensor Networks 1	Traffic Management 1	Recent Advances in Satellite Systems and Networks	MIMO 2: OFDM	Channel Estimation 1: OFDM	Crosslayer Design 1	Propagation 1		Mobile Networks Posters 1
		<i>Chair: David Everitt, University of Sydney, Australia</i>	<i>Chair: Leith Campbell, Australian Telecommunications CRC</i>	<i>Chair: Moshe Zukerman, University of Melbourne, Australia</i>	<i>Chair: P. Takis Mathiopoulos, National Observatory of Athens, Greece</i>	<i>Chair: Robert Heath, University of Texas, USA</i>	<i>Chair: Tracy Fulghum, Ericsson Inc., USA</i>	<i>Chair: Mischa Dohler, France Telecom</i>	<i>Chair: Greg Martin, Victoria University, Australia</i>		
15:30 - 16:00	Coffee Break										
16:00 - 17:40	<i>Session 3A</i> Kensington	<i>Session 3B</i> Bristol	<i>Session 3C</i> Grosvenor	<i>Session 3D</i> Connaught	<i>Session 3E</i> Mayfair 1	<i>Session 3F</i> Mayfair 2	<i>Session 3G</i> Mayfair 3	<i>Session 3H</i> Lumina	<i>Poster 3P</i> Pre-Function Area		
	Reconfigurability in Future Systems	CDMA & 3G Networks 1	Handover 1	Performance Analysis & Capacity	Diversity Techniques	Adaptive Modulation	Detection 1: List, Lattice, Sphere	Antenna Arrays	Wireless Access Posters		
	<i>Chair: Leith Campbell, Australian Telecommunications CRC</i>	<i>Chair: Rudolf Mathar, RWTH Aachen, Germany</i>	<i>Chair: Chung-Ju Chang, National Chiao Tung University, Taiwan</i>	<i>Chair: Jim Cavers, Simon Fraser University, Canada</i>	<i>Chair: Matthew McKay, University of Sydney, Australia</i>	<i>Chair: Young-Chai Ko, Korea University</i>	<i>Chair: Adriel Kind, Agere Systems Australia</i>	<i>Chair: Bo Hagerman, Ericsson Research, Sweden</i>			
19:00 - 20:30	Panel with Pizza: The Future of Wireless - A Glimpse Beyond the Horizon (Mayfair 1) Chair: Lajos Hanzo, The University of Southampton, UK										
9 May 2006	8:00 - 14:00	Registration								TUESDAY	
	8:30 - 10:10	<i>Session 4A</i> Kensington	<i>Session 4B</i> Bristol	<i>Session 4C</i> Grosvenor	<i>Session 4D</i> Connaught	<i>Session 4E</i> Mayfair 1	<i>Session 4F</i> Mayfair 2	<i>Session 4G</i> Mayfair 3	<i>Session 4H</i> Lumina		<i>Poster 4P</i> Pre-Function Area
		Performance Evaluation for Future Wireless Systems	Ad-hoc Networks 2	Network Capacity	Transportation Systems	Channel Estimation 2: MIMO	CDMA	Implementation 1	Propagation 2		Transmission Technology Posters 2
		<i>Chair: Jiangzhou Wang, University of Kent, UK</i>	<i>Chair: Maziar Nekovee, BT Research, UK</i>	<i>Chair: Chew Yong Huat, National University of Singapore</i>	<i>Chair: Saman Halgamuge, University of Melbourne, Australia</i>	<i>Chair: Yi Yuan, France Telecom R&D</i>	<i>Chair: Aaron Reid, Victoria University, Australia</i>	<i>Chair: Graeme Woodward, Agere Systems Australia</i>	<i>Chair: Carol Wilson, CSIRO, Australia</i>		
	10:10 - 10:40	Coffee Break									
	10:40 - 12:20	<i>Session 5A</i> Kensington	<i>Session 5B</i> Bristol	<i>Session 5C</i> Grosvenor	<i>Session 5D</i> Connaught	<i>Session 5E</i> Mayfair 1	<i>Session 5F</i> Mayfair 2	<i>Session 5G</i> Mayfair 3	<i>Session 5H</i> Lumina		<i>Poster 5P</i> Pre-Function Area
	Panel: 3G and B3G Systems	Sensor Networks 2	Location & Mobility 1	Channel Estimation 3	Space-Time Coding 1	Synchronization 1: OFDM	Ultra-Wideband Systems 2	Multiple Antennas & MIMO 1	Mobile Networks Posters 2		
	<i>Chair: Jay Guo, CSIRO, Australia</i>	<i>Chair: Guoqiang Mao, University of Sydney, Australia</i>	<i>Chair: David Everitt, University of Sydney, Australia</i>	<i>Chair: Khalid Qarage, TAMU-Q, USA</i>	<i>Chair: Jae Hong Lee, Seoul National University, Korea</i>	<i>Chair: Marco Villanti, University of Bologna, Italy</i>	<i>Chair: Andrew Zhang, National ICT Australia</i>	<i>Chair: Bo Hagerman, Ericsson Research, Sweden</i>			
12:20 - 13:50	Lunch (Savoy)										

TUESDAY	13:50 - 15:30	Session 6A Kensington Future Wireless QoS Chair: Victor Kueh, Fujitsu Laboratories of Europe, UK	Session 6B Bristol CDMA & 3G Networks 2 Chair: David Everitt, University of Sydney, Australia	Session 6C Grosvenor Network Planning & Performance Chair: Paul Fitzpatrick, Telstra, Australia	Session 6D Connaught IEEE 802.11 Wireless LANs Chair: Jamil Khan, University of Newcastle, Australia	Session 6E Mayfair 1 MIMO 3: Multiuser & Interference Cancellation Chair: Iain Collings, CSIRO, Australia	Session 6F Mayfair 2 OFDM - PAPR & Synchronization Chair: Jean Armstrong, Monash University, Australia	Session 6G Mayfair 3 Crosslayer Design 2 Chair: Jamie Evans, University of Melbourne, Australia	Session 6H Lumina Propagation 3 Chair: Allan Williamson, University of Auckland, New Zealand	Poster 6P Pre-Function Area Mobile Applications & Security Posters; Transportation Systems Posters	
	15:30 - 16:00	Coffee Break									
	16:00 - 17:40	Session 7A Kensington Panel: Fixed Mobile Convergence Chair: Richard Dennis, BT Group, UK	Session 7B Bristol Ad-hoc Networks 3 Chair: Leif Hanlen, National ICT Australia	Session 7C Grosvenor Mobile Networks 1 Chair: David Everitt, University of Sydney, Australia	Session 7D Connaught IEEE 802.16 WiMax Chair: K C Chen, National Taiwan University, Taiwan	Session 7E Mayfair 1 Bit-Interleaved Coded Modulation Chair: Hajime Suzuki, CSIRO, Australia	Session 7F Mayfair 2 Multiuser Techniques Chair: Anthony Soong, Huawei Inc, USA	Session 7G Mayfair 3 Detection 2 Chair: Daniel Ryan, CSIRO, Australia	Session 7H Lumina Smart Antennas 1 Chair: Jacob Gavan, Holon Academic Institute of Technology, Israel	Poster 7P Pre-Function Area Transmission Technology Posters 3	
	19:00 - 22:00	Conference Dinner (Savoy)									
	8:00 - 14:00	Registration									
	WEDNESDAY 10 May 2006	8:30 - 10:10	Session 8A Kensington Wireless Security Chair: Xun Yi, Victoria University, Australia	Session 8B Bristol Mobile Networks 2 Chair: Arek Dadej, University of South Australia	Session 8C Grosvenor IP Networks Chair: G.S. Kuo, NCCU, Taiwan	Session 8D Connaught IEEE 802.11 Adhoc Networks Chair: Jamil Khan, University of Newcastle, Australia	Session 8E Mayfair 1 Beamforming Chair: Antonio Forenza, The University of Texas at Austin, USA	Session 8F Mayfair 2 Synchronization 2 Chair: Patrick Leung, Victoria University, Australia	Session 8G Mayfair 3 Implementation 2 Chair: Boyd Murray, CSIRO, Australia	Session 8H Lumina Propagation 4 Chair: Matthias Pätzold, Agder University College, Norway	Poster 8P Pre-Function Area Future Wireless Posters
		10:10 - 10:40	Coffee Break								
		10:40 - 12:20	Session 9A Kensington Future Wireless MIMO/OFDM Systems Analysis Chair: Mischa Dohler, France Telecom	Session 9B Bristol Ad-hoc Networks 4: Capacity & Routing Chair: Sverrir Olafsson, BT Research, UK	Session 9C Grosvenor Handover 2 Chair: Iti Saha Misra, Jadavpur University, India	Session 9D Connaught Wireless LAN Performance Chair: Abraham O. Fapojuwo, University of Calgary, Canada	Session 9E Mayfair 1 Space-Time Coding 2 Chair: Jinhong Yuan, The University of New South Wales, Australia	Session 9F Mayfair 2 Equalization 1 Chair: Geoffrey Y. Li, Georgia Tech, USA	Session 9G Mayfair 3 Ultra-Wideband Systems 3 Chair: Aaron Gulliver, University of Victoria, Canada	Session 9H Lumina Multiple Antennas & MIMO 2 Chair: Mark Beach, University of Bristol, UK	Poster 9P Pre-Function Area Mobile Networks Posters 3
		12:20 - 13:50	Lunch (Savoy)								
		13:50 - 15:30	Session 10A Kensington Future Wireless PHY/MAC 2 Chair: Uma S. Jha, Qualcomm, USA	Session 10B Bristol Sensor Networks 3 Chair: Mischa Dohler, France Telecom	Session 10C Grosvenor Location & Mobility 2 Chair: Milosh Ivanovich, Telstra, Australia	Session 10D Connaught Bluetooth/IEEE 802.15 Chair: Victor C. M. Leung, The University of British Columbia, Canada	Session 10E Mayfair 1 Low-Density Parity Check Coding Chair: Sarah Johnson, University of Newcastle, Australia	Session 10F Mayfair 2 Equalization 2 Chair: Tomohiko Taniguchi, Fujitsu Laboratories, Japan	Session 10G Mayfair 3 Hybrid ARQ Chair: Hans-Juergen Zepernick, Blekinge Institute of Technology, Sweden	Session 10H Lumina Propagation 5 Chair: Claude Oestges, Université Catholique de Louvain, Belgium	Poster 10P Pre-Function Area Antennas and Propagation Posters
15:30 - 16:00		Coffee Break									
16:00 - 17:40		Session 11A Kensington Performance of CDMA Networks Chair: David Everitt, University of Sydney, Australia	Session 11B Bristol Ad-hoc Networks 5: Routing Chair: Leith Campbell, Australian Telecommunications CRC	Session 11C Grosvenor Traffic Management 2 Chair: Richard Harris, Massey University, New Zealand	Session 11D Connaught OFDM Wireless Access Chair: Mehmet Yuce, University of Newcastle, Australia	Session 11E Mayfair 1 Turbo/Iterative Techniques Chair: Lars Rasmussen, University of South Australia	Session 11F Mayfair 2 Interference Cancellation Chair: Stephen McLaughlin, University of Edinburgh, UK	Session 11G Mayfair 3 Detection 3 Chair: Mark Reed, National ICT Australia	Session 11H Lumina Smart Antennas 2 Chair: Jacob Gavan, Holon Academic Institute of Technology, Israel	Poster 11P Pre-Function Area Transmission Technology Posters 4; Satellite Systems & Networks Posters	

Associated Technical Events

MIMO Workshop: From Theory to Practice, Melbourne, 4-5 May 2006

Acorn-NICTA Wireless Winter School, Melbourne, 11-12 May 2006

ITC Specialist Seminar on Teletraffic Engineering Challenges for Next Generation Mobile Networks, Melbourne, 11 May 2006

<http://www.telecommunications.crc.org.au/MIMO-Workshop.html>

<http://www2006.cecs.anu.edu.au>

<http://www-ist.massey.ac.nz/rharris/ITCSpecial/>