



**UK-China Science Bridges: R&D on (B)4G
Wireless Mobile Communications (UC4G)**

**Welcome to the UC4G Project
Progress Workshop 2010**

Mobile VCE
UK China Science Bridge
Industrial Steering Group Membership

Company	Individual	Email
BT	Michael Fitch	michael.fitch@bt.com
Fujitsu	Sunil Vadgama	sunil.vadgama@uk.fujitsu.com
Huawei	Xiaoyang Bi	yanzi8380@huawei.com
HMGCC	Andy Gambles	andyg@hmgcc.gov.uk
Mobile VCE	Walter Tuttlebee	walter.tuttlebee@mobilevce.com
NEC	Simon Fletcher	simon.fletcher@eu.nec.com
NSN	Werner Mohr	werner.mohr@nsn.com
Turner	Steve Kopec	steven.kopec@turner.com
Vodafone	Nigel Jefferies	nigel.jefferies@vodafone.com

...as at April 2010

- Reviewing research proposals from an industry perspective – just completing WP2 round 2
- Offering advice as research progresses and presenting industry trends – through workshops like this
- Probably a few other things but....people are busy and I'm feeling the way.

9:20-9:50	Registration;		
9:50-10:00	Welcome;	Dr Mike Fitch	Chair of the UC4G ISG
10:00-10:40	Overview of the UC4G project progress; Overview of the Past Chinese National Research Programmes (FuTURE/FuTURE+)	Dr Cheng-Xiang Wang	PI of UC4G; Reader, HWU
10:40-11:10	Overview of the Chinese National Special Programme: New Generation Mobile Wireless Broadband Communication Networks; Overview of Testbed Development in WiCo	Dr Yang Yang	Vice Chief Technical Officer, WiCO
11:10-11:30	Coffee break		
11:30-11:50	Physical Layer Network Coding: From Theory to Practice;	Dr Wei Chen	Assistant Prof., Tsinghua Univ. (currently visiting Univ. of Southampton)
11:50-12:10	Energy Efficient Technologies for Cooperative MIMO Mobile Communication Systems Based on Interference Coordination	Dr Xiaohu Ge	Assoc. Prof., HUST (currently visiting HWU)
12:10-12:30	Compact Three-dimensional Polarization Antennas for 4G Mobile Communication Systems	Dr Hongjun Tang	Lecturer, Southeast Univ. (currently visiting UCL)
12:30-13:30	Networking lunch		
13:30-13:50	Physical layer network coding for 4G and beyond	Prof. Alister Burr	Univ. of York (to visit SJTU)
13:50-14:10	Feasibility Study on a UK-China Open Access (B)4G Wireless Mobile Communication Testbed	Dr Xuemin Hong	Network Manager of UC4G, HWU (visited WiCO, to visit BUPT)
14:10-14:30	Next Generation Terminals	Simon Fletcher	NEC
14:30-14:50	Overview of DVB-2T	Chris Nokes	BBC
14:50-15:10	Huawei LTE test-bed	Rob MacPherson	Huawei
15:10-15:30	Coffee break		
15:30-16:15	Discussions on WP4 (testbed development) & WP3; Wrap up		