

IEEE New Zealand Wireless Workshop 2013

Friday, 6 Sept 2013

Sponsored by:

MaLaurin Lecture
Theatre 102



Victoria University of
Wellington



Programme

9:00	Registration		
9:30	Opening		
9:40	Aviat Networks	Andrew Bridger	Maximal Ratio Combining: An FPGA Implementation Using High Level Tools
9:55	National Instruments	Sayuj Nath	Redefining RF Instrumentation with NI Vector Signal Transceiver
10:10	EMF Services	Martin Gledhill	Radiofrequency field exposure Standards and their application to low power devices
10:25	Callaghan Innovation	Sudhir Singh	Robust Optimisation
10:40	Morning Tea <i>Sponsored by: National Instruments</i>		
11:20	University of Canterbury	Graeme Woodward	UC: Recent wireless research activities
11:35	University of Canterbury	Michael Lancaster	A comparison of the LTE uplink and downlink
11:45	University of Canterbury	Les Humphris	A software defined radio receiver architecture
11:55	University of Canterbury	Khawla Alnajjar	What is the best deployment for massive MIMO?
12:05	University of Canterbury	Yu-An Chen	Uplink resource allocation in macrodiversity systems
12:15	University of Canterbury	Andy Shang	Linear transceivers for MIMO relays
12:25	University of Canterbury	Tri Pham	Interference mitigation for OFDM signals with insufficient cyclic prefix
12:35	Lunch <i>Sponsored by: VUW School of Engineering and Computer Science</i>		
14:00	Manukau Institute of Technology	Sayan Ray	An Energy Aware Mobile-Controlled Handover Method for Natural Disaster Situations
14:10	The University of Auckland	Kevin Sowerby	The University of Auckland Wireless Research Overview
14:25	The University of Auckland	Nadhiya Mohd Kamal	Modelling OFDM Performance in Interfered Environments
14:35	The University of Auckland	Saeed Rehman	Analysis of Impersonation Attack on RF Fingerprinting
14:45	The University of Auckland	Kit Pui Tsoi	Physical Layer in FPGA Technology for WSNs
14:55	The University of Auckland	Milosav Andelic	Event Driven Protocols for Energy Efficient WSNs
15:05	Afternoon Tea <i>Sponsored by: IEEE NZ Central Section</i>		
15:45	Callaghan Innovation	Alan Coulson	Who's afraid of Cognitive Radio?
16:00	AUT University	Akbar Hossain	Rendezvous in an asynchronous asymmetric Cognitive Radio Ad-Hoc Networks
16:10	AUT University	Shuaib Memon	A Framework for Supporting Strict QoS Guarantee and Emergency Traffic in WLANs
16:20	VUW	Paul Teal	VUW Wireless Research Overview
16:35	VUW	Jawad Mirza	Adaptive Codebooks for Limited Feedback MIMO
16:45	VUW	Fatih Ustok	Interference Alignment in Cellular Systems
16:55	Closing		