IEEE New Zealand Wireless Workshop 2021

Friday 19 November

Location TBD, Victoria University of Wellington

TIME	Speaker	ORGANISATION	TITLE
8:30 AM	Registration and Coffee		
9:00 AM	Lex Grubner	RF Test Solutions	5G RF
9:15 AM	Aaron Prior	Aviat Networks	Real World Wireless Solutions
9:30 AM	Dylan Jorgensen	Qamcom	Cloud Native Wireless
9:45 AM	P. Parthiban & R. McCracken	Times-7 Research LTD	A Novel High-Density UHF RFID Scanner with Spatial, Pattern, and Polarization Diversity
10:00 AM	Andrew Mackay	Cisco	Industrial Use Cases for 5G
10:15 AM	Morning Tea		
10:35 AM	Sudhir Singh	Callaghan Innovation	Designing Wideband Beamformers
10:50 AM	Will Beard	Callaghan Innovation	Minimising Quantisation Noise in Digital Allpass Filters
11:05 AM	Mark Poletti	Callaghan Innovation	A superfast method for the inversion of Toeplitz matrices
11:20 AM	Nurul Sarkar	AUT / IEEE	Emerging Research Topics in Network and Communications
11:35 AM	Alan Coulson	Alan Coulson Consulting	STBC for High Mobility Environments
11:50 AM	Lunch		
1:20 PM	Fernando Beltran	The University of Auckland	How auction design evolves to meet the challenge of spectrum assignment in the era of spectrum sharing
1:35 PM	Andrew Austin	The University of Auckland	mmWave Channel Characterisation at the University of Auckland
1:50 PM	Sayan Ray	Manukau Institute of Tech.	An End-to-End Medical Emergency Response System to Support Elderly People
2:05 PM	Adriel Kind	University of Canterbury	The new breed of satellite communication networks
2:20 PM	Graeme Woodward	University of Canterbury	WRC Research Activities
2:35 PM	Pawel Dmochowski	VUW	Beam Squinting in THz
2:50 PM			
3:05 PM	Afternoon Tea		
3:20 PM	Amy Inwood	University of Canterbury	6G / Reconfigurable Intelligent Surfaces
3:30 PM	Will Sloane	University of Canterbury	mmWave Channels
3:40 PM	Zubia Ishrat	University of Canterbury	Network Planning for Narrowband Utility Field Area Networks
3:50 PM	Dev Pal Singh	The University of Auckland	Trust and Reputation Management for 6G Communications
4:00 PM	Jan Krecke	The University of Auckland	Design of SmallSat SAR for Dedicated New Zealand Applications
4:10 PM	Priya Mittal	The University of Auckland	Performance Improvement of mmWave Coverage in Indoor Environments
4:20 PM	Qingqing Dong	The University of Auckland	True Full-duplex Wireless Communications
4:30 PM	Chelsea Miller	VUW/Spark	Space-Constrained Arrays for Massive MIMO
4:40 PM	Ikram Singh	VUW	Wireless Communications with Reconfigurable Intelligent Surfaces
4:50 PM	Best Student Presentation Award		
5:10 PM	Closing		