

IEEE New Zealand Wireless Workshop 2021

Friday 19 November

MaLaurin LT102, Victoria University of Wellington



TIME	Speaker	ORGANISATION	TITLE
8:45 AM	Registration and Coffee		
9:30 AM	Lex Grubner	RF Test Solutions	5G RF
9:45 AM	Dylan Jorgensen	Qamcom	Cloud Native Wireless
10:00 AM	P. Parthiban & R. McCracken	Times-7 Research LTD	A Novel High-Density UHF RFID Scanner with Spatial, Pattern, and Polarization Diversity
10:15 AM	Andrew Mackay	Cisco	Industrial Use Cases for 5G
10:30 AM	Morning Tea		
11:00 AM	Sudhir Singh	Callaghan Innovation	Designing Wideband Beamformers
11:20 AM	Mark Poletti & Paul Teal	Callaghan Innovation / VUW	A superfast method for the inversion of Toeplitz matrices
11:40 AM	Alan Coulson	Alan Coulson Consulting	STBC for High Mobility Environments
12:00 PM	Lunch		
1:20 PM	Andrew Austin	The University of Auckland	mmWave Channel Characterisation at the University of Auckland
1:35 PM	Adriel Kind	University of Canterbury	A New Breed of Satellite Communication Networks
1:50 PM	Graeme Woodward	University of Canterbury	WRC Research Activities
2:05 PM	Peter Smith	VUW	Radar
2:20 PM	Afternoon Tea		
2:50 PM	Amy Inwood	University of Canterbury	6G / Reconfigurable Intelligent Surfaces
3:05 PM	Chelsea Miller	VUW/Spark	Behaviour of MIMO Systems with Ray-Based Models
3:20 PM	Will Sloane	University of Canterbury	mmWave Channels
3:35 PM	Ikram Singh	VUW	Wireless Communications with Reconfigurable Intelligent Surfaces
3:50 PM	Zubia Ishrat	University of Canterbury	Network Planning for Narrowband Utility Field Area Networks
4:05 PM	Duncan Cameron	VUW	Energy Optimisation for Wireless Backhaul Networks
4:20 PM	Best Student Presentation Award		
4:45 PM	Closing		

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