

2015 Passive Radar Workshop Agenda

Monday, 23rd of November			
Time	Title	Presenter	Affiliation
900	Workshop start	Linda Davis / James Palmer	Uni SA / DST Group
910	Workshop Welcome	Tony Lindsay	DST Group
920	Plenary 1 - Applications for Passive Radar in Germany from a MoD Perspective	Roland Krebs	BAAINBw / WTD81
1000	Morning Tea		
	Session Title: Experimental research programmes		
1030	Plenary 2 - PCL and EW projects at Fraunhofer FHR	Heiner Kuschel	Fraunhofer FHR
1110	Plenary 3 - Passive radar research activity at Lab RaSS-CNIT	Amerigo Capria	CNIT
1150	DST Group's Multi-band Passive Radar System	James Palmer	DST Group
1220	Lunch		
1330	Session Title: Moving Platform Passive Radar research		
1330	Motion compensation for PCL on mobile Platforms	Georgia Bournaka	Fraunhofer FHR
1400	Range resolution improvement for multiple PCL radar systems on moving platforms	Diego Cristallini	Fraunhofer FHR
1430	Afternoon tea		
1500	Session Title: Exploitation of space based emitters		
1500	Tracking space debris using emitters of opportunity	Craig Benson	ADFA/UNSW
1530	Aircraft detection using GPS Bistatic Radar incorporating MIMO Techniques	Matthew Trinkle / Chow Yii Pui	University of Adelaide
1600	UTMOST's receiver/calibration/diagnostics applied in a dynamic EMC environment and the potential application to passive radar for space applications at the Molonglo Radio Observatory	Duncan Campbell-Wilson	University of Sydney
1630	Close Day 1		
1830	Workshop Dinner: Union Hotel, 70 Waymouth St. 6:30pm drinks, 7pm dinner.	Organiser: Matthew Brincat	

	Tuesday, 24th of November		
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900	Workshop start	Linda Davis / James Palmer	Uni SA / DST Group
910	Plenary 4 - Passive Radar - geek plaything or serious capability?	Andrew Shaw	DST Group
950	Morning Tea		
1020	Session Title: Passive Radar Signal Processing		
1020	Multistatic passive radar detection	Stephen Howard	DST Group
1050	Computing CFAR thresholds for Passive Radar	Vaughan Clarkson	University of Queensland
1120	Passive Multistatic Radar Processing	Tegan Webster	US Naval Research Laboratory
1150	Translational Motion Compensation based on Matching Pursuit Techniques	Hai-Tan Tran / Emma Heading	DST Group
1220	Lunch		
1320	Session Title: Defence Industry		
1320	Challenges of scaling Passive Radar	Nigel Dahlenburg	BAE Systems Australia
1350	HMI for passive radar test bed	Kyle Hoare	Daronmont Technologies
1420	High performance processing enablers for passive radar	Andrew McDonnell	Daronmont Technologies
1450	Afternoon tea		
1520	Panel Discussion - Transitional challenges: From research to application	Linda Davis	Uni SA
1630	Close Day 2		