WEDNESDAY 29 AUGUST 2018

Boulevard Auditorium Foyer				
Morning Tea and Poster Session				
Poster Area 1	Poster Area 2	Poster Area 3	Poster Area 4	Poster Area 5
Poster Session				
MIMO	**Signal Processing 1**	**Detection**	**Tracking**	**Machine Learning and Target Recognition**
79: Prior Knowledge Based Transmit Nulling Method for MIMO Radar **Hao Zheng**	54: Hybrid Method of DOA Estimation Using Nested Array for Unequal Power Sources **Yunlong Yang**	106: Long Time Accumulation Algorithm Based on KT-Randon and CPF **Leilei Wang**	40: A Novel Scatterer Trajectory Association Method Based on Markov Chain Monte Carlo Algorithm **Lei Liu**	60: Human activity recognition based on deep learning method **Xiaoran Shi**
16: Colocated MIMO radar waveform design against repeat radar jammers **Leilei Xu**	98: Target azimuth estimation in phased array radar using detected powers from main and side lobes **Vitor Augusto Ferreira Santa Rita**	170: sparse clutter estimation for STAP based on atomic norm minimization **Li Wang**	174: Detection and tracking low maneuvering target in high noise environments **Ali Khenchaf**	135: Artificial Neural Networks to Solve Doppler Ambiguities in Pulsed Radars **Bruno Silva**
80: Online Trabsmit Beampattern Notching for Colocated MIMO Radar **Meiqi Liu**	18: Generalized Design Approach for Fourth-order Difference Co-array **Tao Zhu**	95: Sparse Fractional Fourier Transform and Its Applications in Radar Moving Target Detection **Xiaolong Chen**	36: Multitarget Track-Before-Detect Based on Auxiliary Parallel Partition Particle PHD Filter **BaoXin Chen**□	208: Radar HRRP Group-Target Recognition Based on Combined methods in the Background of Sea Clutter **Gang Xiong**
56: Space-Time-Range Adaptive Processing for MIMO Radar Imaging **BaoXin Chen**	51: CRB-based optimal radar placement for target positioning **Kyungwoo Yoo**	97: The Range-Doppler SRL of two close targets for active sensor in the GLRT context **Li Wang**	69: Fixed-Gain Augmented-State Tracking-Filters **Hugh Kennedy**	
65: MIMO Signal Design for Coexistence with LFM **Dongfang Yang**		27: Superfast Convergence Rate in Adaptive Arrays **Anatolii Kononov**		
87: Space-Range-Doppler Focus Processing: A Novel Solution for Moving Target Integration and Estimation Using FDA-MIMO Radar **Xiaolong Chen**				

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Modelling	**Radar Imaging**	**Radar Systems and EW**	**RCS and clutter modelling**	**Signal Processing 2**
14: Multiscan Recursive Bayesian Method for Parameter Estimation of Spatially-varying Sea Clutter Models **Han Yu**	46: High Precision SAR Echo Simulation Based on FDTD Algorithm with Mobile Excitation Source **Qingwu Shi**	99: Doppler Based Detection of Multiple Targets in Passive Wi-Fi Radar Using Underdetermined Blind Source Separation **Karl Woodbridge**	133: Radar Cross Section of Modified Target using Gaussian Beam Methods : Experimental Validation **Ali Khenchaf**	138: Polarization-Angle-Frequency Estimation Using Nested Vector Sensor Arrays **Jin He**
107: Predicting Phased Array Radar Performance through Modelling **Rob Graessle**	103: Enhanced ISAR Imaging for Surveillance of Multiple Drones in Urban Areas **Wookyung Lee**	45: Design of a small size, low profile L-band antenna, optimized for space-based ADS-B signal reception **Jan Budroweit**	67: Bistatic Radar Cross Section of Ships between P and S Band **Andy Stove**	111: Optimized Wiener Filtering in Overdetermined Systems **Joshua Sendall**
108: Designing a Generic, Software-Defined Multimode Radar Simulator for FPGAs using Simulink HDL Coder and SpeedGoat Real-Time Hardware. **Simon Reynolds**	44: High-Order Phase Correction for Ground Moving Target Imaging in High-Squint SAR Mode **Lei Ran**	177: Operational Experience of Solid-State Replacement for Hard Tube Modulators **Sherry Hitchcock**		175: Comparison of Sparse Signal Separation Algorithms for Maritime Radar Target Detection **Brian Ng**
	104: Microwave Ghost Imaging via LTE-DL Signals **Zihuai Lin**	21: Homogeneously Distributed Multiple False Targets Jamming Using Frequency Diverse Array **Hui Wang**		15: Joint optimization of transmit waveform and mismatched filter with expanded mainlobe for delay-Doppler sidelobes suppression **Leilei Xu**
		182: Study on Multistatic Primary Surveillance Radar using DTTB Signal Delays **Junichi Honda**		61: A Frequency Estimator for Real Valued Sinusoidal Signals Using Three DFT Samples **Hao Chen**
		17: Metamaterial Advances for Radar and Communications **Eli Brookner**		