

| 10:30 | Salles (364) | | | | |
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| | In Memoriam MH. Carpentier (Y. Blanchard and M. Leconte) | | | | |
| 17:30 | SESSIONS END | | | | |

| | _ | | Thursday 24th, October | | | |
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| | | | ORAL SESSIONS | | | |
| Room | | Le Carré | Salles (3&4) | Salle (5&6) | | |
| Session Name | | Articifial Intelligence/Machine Learning (2) | Advances in Radar Signal Processing (1) | Advances in Radar imaging (systems) | | |
| | 8:30 | Beyond Accuracy: Evaluating Model Reliability for Target Radar Image Classification Using SHAP | Symplectic Geometry in Radar: 2-Form of Maxwell Equations and Wigner/Woodward Ambiguity | 120 GHz and 240 GHz Si-Ge FMCW radar for high resolution close range SAR imaging | | |
| | 8:50 | Explaining SAR ATR Models Predictions with | Function Width Measurement by Partial Convolution of Radar | EPIK-SAR: Embedded radar Platform In Ku-band for | | |
| | 9:10 | Counterfactual Explanations | Signals in Spectral Domain Micro-Doppler Super-Resolution Using Iterative | SAR applications LATEST UPGRADES ON SAR-LIGHT, ONERA'S UAV- | | |
| | 9:10 | Exploiting Sparsity in Automotive Radar Object Detection Networks | Adaptive Approach | EMBEDDED SAR TOOL | | |
| | 9:30 | Experimental comparison of unsupervised methods for deinterleaving pulse trains | Experimental Demo of Range Disambiguation via | Hybrid SAR/ISAR imaging with VHR spaceborne data | | |
| | 9:50 | Training Deep Learning Models with Hybrid Data sets | Slow-time Coding & Reiterative Super-Resolution Coherent Accumulation of Random Frequency and | for inland waterways surveillance | | |
| | | for Robust Automatic Target Detection on real SAR images | Pulse Repetition Interval Agile Radar | | | |
| Tea/coffee Break | 10:10 | Le Carré | Salles (3&4) | Salle (5&6) | | |
| Session Name | | Detection and estimation | Advances in Radar imaging (processing) | Automotive Radar | | |
| | 10:40 | An Improved Total Least Squares-Based Monopulse Ratio Estimate Given Multiple Data-Snapshots from a | Determination of Absolute Interferometric Phase in Circular InSAR Based on Demons Algorithm and Dual- | Applying a Biprism in Radar Test Ranges for Angular | | |
| | 11:00 | Uniform Line Array Detection of Power Increasing Noise-Like Smart | angle Observation A New wide-swath imaging and ground moving- target imaging scheme for MIMO-SAR based on | Measurements Radar Spectra-Language Model for Automotive | | |
| | 11:20 | Jammers Target Focused Estimation of the Stages in the Multistage Wiener Filter | azimuth phase coding Enhanced Radar Imaging of Rotating Objects for | Scene Parsing Wavefield Networked Sensing for High-Resolution Distributed Automotive Microwave Imaging | | |
| | 11:40 | Multistage Wiener Filter CFAR Detection in Heterogeneous K-Distributed Sea- Clutter Background | THz ISAR Imaging of Space Target with Vibration | Improving Deep Learning Change Detection in | | |
| | 12:00 | Clutter Background | Compensation Data Fusion Strategies for improved SAR image | Automotive Radar Maps by Data Augmentation Bandwidth Spreading With Range Cell Migration in | | |
| Lunch Break | 12:20 | | classification | FMCW Automotive Radar | | |
| | | Le Carré | Salles (3&4) | Salle (5&6) | | |
| Session Name | | Spectrum sharing | Future trends in Radar system | Advances in Radar signal processing (2) | | |
| | 13:40 | OFDM DFDC Wavefore Device Receiption Michael | A Photonic Multiband Radar Transmitter | Ventru esiseted Metaleuristic for Dedea Labo | | |
| | | OFDM-DFRC Waveform Design Based on Mutual Information in Presence of Doppler | Architecture with Tailored Nonlinear Transmission Line | Vertex-oriented Metaheuristic for Radar Lobe Detection in Electronic Warfare Context | | |
| | 14:00 | Experimental Demonstration of Multi-User | RADAR COLLABORATION, HOW TO ADDRESS THE | Performance Analysis of a Joint Detection and Delay- | | |
| | 14:20 | Radar/Communications (MURC) | ASSOCIATED CHALLENGES? | Doppler Estimation Algorithm for MIMO Radars | | |
| | 14.20 | Sparse Vector-Antenna Array Design for Dual- Functional Radar Communications | Quantum Computing for Partition Function Estimation of a Markov Random Field in a Radar | Generative Multi-View HRRP Recognition Based on Cascade Generation and Fusion Network | | |
| | 14:40 | Target Range and Velocity Estimation for Joint Radar | Anomaly Detection Problem Quality-of-Service Based Radar Resource | Standardization of Residuals for Detection of | | |
| | 15:00 | and Communications with Up and Down Chirps Radar and Communications Source Separation via Sparse Time-Frequency Estimation | Management for Concurrent SAR Imaging Modes Field-trial Demonstration of a Broadband Microwave Photonic TDM-MIMO Radar | Unknown Target Classification of SAR images Sub-Surface and Remote Sensing Stand Testing Using Stepped-Frequency Continuous Wave Signals | | |
| Tea/coffee Break | 15:20 | | La Me | zanine | | |
| | | POSTER SESSION | | | | |
| Session Name | | RADAR SYSTEMS and APPLICATIONS Special session: French agency for innovation and Applications Radar systems and antenna Phenomenology | | | | |
| | 15:40 | Simulation of buried objects Radar Cross Section (RCS) using a Hybrid Finite Volume Method: Experimental validation through RCS measurements of a PEC | Reliable Traffic Monitoring Using Low-Cost Doppler Radar Units | Segmentation and Classification of Solid Construction Waste with mmWave Imaging | Filters Design that Mitigate Pulse Eclipsing Modulation of Pulse Agile Waveforms | |
| | | sphere CRUSOE: A Low SWaP UWB Optoelectronic Radar | | | OP-RBC-based STAP Method for Clutter Suppression | |
| | | | Exploring Short-Term Bird Behavior in a Local Area Using Phased-Array Avian Radar | A Magnetron with Two RF Energy Outputs for Advanced Radar Systems | in Bistatic End-fire Array Airborne Radar | |
| | | Pattern Synthesis Based on Numerical Optimization for Conformal Multi-source Antenna | Exploring Short-Term Bird Behavior in a Local Area Using Phased-Array Avian Radar Passive Multistatic Localization with the Prior Receiving Bearmwidth Constraint | Advanced Radar Systems Lightweight pod design for radar threat emitter | in Bistatic End-fire Array Airborne Radar Long Distance Surface Wave Propagation Over Realistic Terrains | |
| | | Demonstrator Pattern Synthesis Based on Numerical Optimization for Conformal Multi-source Antenna Adaptive Multichannel Scanning Strategies for | Using Phased-Array Avian Radar Passive Multistatic Localization with the Prior Receiving Beamwidth Constraint Composite metasurface for surface wave radar | Advanced Radar Systems Lightweight pod design for radar threat emitter simulation Comparative Analysis of Deep Learning Methods for | Long Distance Surface Wave Propagation Over Realistic Terrains Investigation on Micromotion Characteristics of Trimaran and Corner Reflector Based on the Motior | |
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