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Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: FP1A

Advanced T echniques in Electr omagnetic Centric Multiphysics Simulation and Device Design Session Chairs: Yan Shi and Huanhuan Zhang

13:30 - 14:00	Nonperturbative and Universal Nonlinear Electromagnetic Model for Plasmonic Nanostructures (invited)N/A Ming Fang, Wei E.I. Sha, Zhixiang Huang, Xianliang Wu (Anhui University)	
14:00 - 14:30	Multiphysics Modeling of Emerging Materials Based Ultrafast Heterojunction Diodes (invited)N/A Wenchao Chen (Zhejiang University)	
14:30 - 14:50	Numerical Simulation of Electromagnetic-Thermal Effect of Microwave Devices1 Shi Liu, Guicheng Zhang, Ting Wan, Yunqin Hu (Nanjing University of Posts and Telecommunications)	
14:50 - 15:10	Double-Ridge Waveguide Mode Analysis based on FDTD-SVD Method3 Shichun Huang, Xiaofeng Xuan, Zhaoneng Jiang, Xiaoyan Zhao, Fangzheng Ji (Hefei University of Technology)	
15:10 - 15:30	GPU Parallelization of Wave Equation Based Discontinuous Galerkin Time Domain Method5 Zhen Guo Ban, Yan Shi	
(School of Electronic Engineering, Xidian University)		

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: FP1B

Advanced T echniques in Electr omgnetic Modelling and Their Applications Session Chairs: Weibing Lu and Xiaomin Pan

13:30 - 14:00	Hybrid Implicit-Explicit Finite Difference Time Domain Method for Complex System with Lumped Elements (invited)N/A Hongxing Zheng, Lu Wang (Hebei University of Technology)
14:00 - 14:30	Study on a Recurrent Convolutional Neural Network Based FDTD Method (invited)7 Guo LiangShuai, Li MaoKun, Xu ShengHeng, Yang Fan (Tsinghua University)
14:30 - 14:50	Microwave Imaging of Inhomogeneous Objects Based on Bayesian Compressed Sensing9 ShiQi Yu, QingHe Zhang, Qin Qin, LiPing Shi, Chao Yi, ShiHui Zhang, GuangXu Liu (Three Gorges University)
14:50 - 15:10	Wideband dual-polarization reconfigurable unit cell for steerable reflectarrays at X-band11 Zhengtao Liu, Hui Zhang, Zengrui Li, Hang Yu (Communication University of China)
15:10 - 15:30	An Analysis of Periodic Structure with Arbitrary Dispersive Media by DG- FETD method13 Mengmeng Wang, Juzheng Han (Nanjing University of Science and Technology)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: FP1C

MIMO Antennas and mm W ave Antenna Arrays for 5G and Other Applications Session Chairs: Guangli Yang and Yong-Ling Ban

13:30 - 13:50	Compact Wideband MIMO Antenna System for 5G Metal Frame Mobile Phones15 Daiwei Huang, Zhengwei Du (Tsinghua University)
13:50 - 14:10	Wideband Mm-wave Antenna Array with Wide Angle Scanning for 5G Applications17 Daiwei Huang, Zhengwei Du (Tsinghua University)
14:10 - 14:30	LTE/4G Smart Eyewear Antennas19 Yan-Yan Wang, Yong-Ling Ban (University of Electronic Science and Technology of China)
14:30 - 14:50	Dual-band eight-element antenna array for 5G smartphone applications21 Xiao-Qing Gong, Yong-Ling Ban, Xiao-Yu Wang, Jiang-Wei Zheng (University of Electronic Science and Technology of China)
14:50 - 15:10	Reconfigurable MIMO Antenna with Small Ground Clearance for Mobile Terminal Applications23 Changjiang Deng, Di Liu (Beijing Institute of Technology)
15:10 - 15:30	Design of a broadband Archimedean spiral antenna above an EBG ground plane25 Sen Du, WenQi Zhang, JiaYe Zhu, Rushan Chen (Nanjing University of Science and Technology)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: FP1D Advances in EM Simulation and its Application Session Chairs: Hai Lin and Siyuan He

13:30 - 14:00	Research of the Near-Field Scattering of Vortex Electromagnetic Wave Based on FEKO (invited)27
	Hai-tao Chen, Ze-qi Zhang, Jie Yu
	(Wuhan Maritime Communication Research Institute)
14:00 - 14:20	An Equivalent coupling Iterative Hybird Algorithm29
	Jianzhou Li, Yifan Li, Liangliang Zhao, Xiangwei Liu (Northwestern Polytechnical University)
14:20 - 14:40	FSV-based evaluation of electromagnetic scattering characteristics of deformed target
	Jianzhou Li, Liangliang Zhao, Xiangwei Liu, Yfan Li (Northwestern Polytechnical University)
14:40 - 15:00	Electromagnetic Scattering Study of Complex Targets on Rough Surfaces
15:00 - 15:20	Far-field Reconstruction Above Perfectly Electrically Conducting Ground Planes Using Amplitude-Only Data35
	Zhixiang Xie, Yinhua Zhang, Siyuan He, Guoqiang Zhu, Zhidan Bian (Wuhan University)
15:20 - 15:40	Calculation of Optical Force at Nanoscale Using Finite Element Method and Maxwell Stress Tensor
	(Nanjing University of Posts and Telecommunications)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: FP1E

Antenna Theory, Modeling, and Design Session Chairs: Jianxing Li, Daotong Li and Yingsong Li

13:30 - 14:00	Design of multibeam antenna with different beam size (invited)39 Xiao Tao, Ding Wei (China Academy of Space Technology)
14:00 - 14:30	Ka-band multibeam antenna for Chinasat-16 (invited)41 Wei Ding, Xiao Tao (China Academy of Space Technology)
14:30 - 14:50	Investigation on Broadbeam Acute Isosceles Triangular Dielectric Resonator Antenna43 Syeda Hiba HussainMashhadi, Jingdong Chen, Yong-Chang Jiao (Northwestern Polytechnical University)
14:50 - 15:10	Design of Ultra-wideband Cavity-backed and Slot-tuned Bowtie Antenna for Ground Penetrating Radar Applications45 Youcheng Wang, Peng Jiang, Shiju Chen, Hucheng Pei, Jianquan Y uan (Science and Technology On Complex System Control and Intelligent Agent Cooperation Laboratory)
15:10 - 15:30	A Compact Broadband Dual Circularly Polarized Slot Antenna Using a Hexagon-shaped Ground with a Pentagon-shaped Slot47 Hongyi Huang, Nan Hu, Wenqing Xie, Yuhao Yang, Weimin Wang, Yongle Wu, Yuanan Liu (Beijing University of Posts and Telecommunications)

Room P (2nd floor, Academic Exchange Center of Nanjing University of Science and Technology)

15:30	POSTER Session: FP1P (Student Paper Competition)
- 17:00	Poster Session 1
P.1	Passive Intermodulation Measurement of Radiofrequency Interference
	Shielding Gasket49 Raja Usman Tariq, Ye Ming, Cao Zhi, Keyue Zhang, Zhang Yong, Songchang Zhang, Xiaolong Zhao, Yongning He (Xi'an Jiaotong University)
P.2	A Dynamically Frequency-Tunable Perfect Microwave Absorber Using Graphene51
	Ming Yang Geng, Wei Bing Lu, Zhen Guo Liu, Hao Chen (Southeast University)
P.3	An Efficient Solution of EFIE using Parallelized Nystrom Method53 Jian Zhang, Xu Shi, Li Zhang, Mei Song Tong (Tongji University)
P.4	A Tetrahedral Meshed SBR Method for Electromagnetic Scattering from Metal-medium Hybrid Target55 Yumeng Jin, Rushan Chen, Yong Chen, Zi He, Hongcheng Yin (Nanjing University of Science and Technology)
P.5	Machine Learning Methodology Review for Computational Electromagnetics57 Heming Yao, Lijun Jiang, HuanHuan Zhang, Wei E.I. Sha (The University of Hong Kong)
P.6	Multiple GPU Parallel Strategy of Beam Tracing for Propagation Prediction in Large-Scale Scenes61 Kaiwei Lin, Xiangyang He, Chunbei Luo, Hai Lin (Zhejiang University)
P.7	Electromagnetic-Thermal Co-simulation of Large Antenna Array on Platform Using Enhanced Finite Element Solver with Massively Parallel Computing Capability

P.8	Isolation enhancement of a four-element broadband MIMO antenna for 5G mobile handsets
	Xiaocheng Wang, Yongle Wu, Weimin Wang, Yuanan Liu, Zehai Wu (Beijing University of Posts and Telecommunications)
P.9	Circular Polarization Leaky-wave Antenna Based on Substrate Integrated Waveguide with Wide Axial Ratio Bandwidth for Millimeter-Wave Applications
	(Beijing Jiaotong University)
P.10	Novel Filtering Antenna Based on Spoof Surface Plasmon PolaritonsN/A Yanhao Feng, Wenjie Feng, Wenquan Che (Nanjing University of Science and Technology)
P.11	Design of a Flat-Gain Low-Noise Amplifier for Tiled Ultra-Wideband Receiver Applications
P.12	A Broadband Absorber based on Resistive Film71 Jing Li, Yi Wang, Qunsheng Cao (Nanjing University of Aeronautics and Astronautics)
P.13	Angular-Selective Multichannel Reflector by Optimizing Phase Distribution of Cascaded Metasurfaces
P.14	Dynamic energy allocation of commondity Wi-Fi signals using programmable coding metasurface75 Ya Shuang, Hanting Zhao, Haoyang Li, Menglin Wei, Lianlin Li (Peking University)
P.15	Parabolic Equation Method Solving Wave Propagation in Tunnels in Complex Meteorological Environments
P.16	Total-Variation Compressive Sensing Based on Hybrid Sequential Experimental Design for Field Reconstruction

P.17	Study on SAR Distribution of Female Body in the Airplane Environment Using the FEM-DDM Solver
P.18	Mixing Matrix Estimation in Blind Source Separation Based on CFSFDP83 Wang Wang, Donglin Su, Zihua Zhao (Beijing University of Aeronautics and Astronautics)
P.19	Fitting EM Scattering of 3D Rough Surface using Deep Neural Networks85 Zhilong Yang, Shilei Fu, Jing Yuan, Zihao Zhao, Hongxia Ye, Feng Xu (Key Laboratory For Information Science of Electromagnetic Waves (MoE) Fudan University)
P.20	Robust Sparse Recovery DOA Estimation for MIMO Radar under Unknown Mutual coupling
P.21	The Study of ISAR Image Reconstruction based on L norm regularization91 Anwen Wu, Yimao Wu, Ya-Qiu Jin (Fudan University)
P.22	Mutual Coupling Reduction Between High-density, Broadband, Dual-polarized Cross-dipoles Using Composite Isolator93 Xiaoshuai Sun, Ming-Chun Tang, Dong Xiong, Mei Li, Xiaoheng Tan (School of Microelectronics and Communications Engineering Chongqing University)
P.23	Correlation study of sea spikes using purely numerical simulation95 Jia-Jing Wang, Bi-Yi Wu, Kun-Y Guo, XIn-Qing Sheng (Beijing Institute of Technology)
P.24	A Wide-beamwidth Dual-band L-probe Fed Antenna with Parasitic Posts for 5G Communication97 Chen Yuanqing, Wang Mingkai, Yi Zhiming, Zhang Ruiheng, Yang Guangli (Shanghai University)
P.25	Optimal Design of Fragment-Type Antenna Structure Based on PSO-CNN

P.26	Evaluation of the Efficiency of Wireless Power Transfer System using the Support Vector Machine101
	Chen Yang, Qi Wu (Beihang University)
P.27	Phase-frequency Characteristics of Electromagnetic Wave in a Magnetized Inhomogeneous PlasmaN/A
	Kuan Yu, Lixin Guo, Linjing Guo, Jiangting Li, Xi Luo (Xidian University)
P.28	Study on a Recurrent Convolutional Neural Network Based FDTD MethodN/A Guo LiangShuai, Li MaoKun, Xu ShengHeng, Yang Fan (Tsinghua University)
P.29	High-resolution Three-dimensional Microwave Imaging Using a Generative Adversarial NetworkN/A Min Wang, Haoyang Li, Ya Shuang, Lianlin Li (Peking University)
P.30	Equivalent Complex Valued Deep Semantic Segmentation Network For SAR ImagesN/A Jiankun Chen, Xiaolan Qiu (Institute of Electronics, Chinese Academy of Sciences)

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: FP2A Advanced T echniques in Electr omagnetic Centric Multiphysics Simulation and Device Design Session Chairs: Yan Shi and Huanhuan Zhang

15:50 - 16:10	Electromagnetic-Semiconductor Coupled Solver in Multsicale Simualtions103 Lingyi Meng, ChiYing Yam, Quan Chen (Fujian Institute of Research On The Structure of Matter, Chinese Academy of Sciences)
16:10 - 16:30	Evaluation of VRMS Homogeneity of the Magnetic Field in MRI with Numerical Methods105
	Xuewei Ping, Mingyu Wang, Xinghui Yin, Xin Wang, Yong Lv, Qingbo Li (HoHai University)
16:30 - 16:50	A Quarter-Wavelength Wideband Bandpass Filter with Two notch Bands107 Xiao-Kun Bi, Xiao Zhang, Tao Yuan, Guan-Long Huang (Shenzhen University)
16:50 - 17:10	A Novel Technique for Solving Characteristic Modes of Large-Scale Finite Periodic Arrays109
	Guangshang Cheng, Huihui Li, Zhixiang Huang (Anhui University)
17:10 - 17:30	Study on Joint Inversion Algorithms for Human Thorax ImagingN/A

- 17:10 17:30 Study on Joint Inversion Algorithms for Human Thorax Imaging......N/A Maokun Li, Xiaoqian Song, Ke Zhang, Rui Guo, Fan Yang, Shenheng Xu, Aria Abubakar (Tsinghua University)
- 17:30 17:50 Design of Focused Microstrip Antenna Array Using Time Reversal Method......111
 Zuhong Gong, Junhong Wang (Beijing Jiaotong University)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: FP2B

Advanced T echniques in Electr omgnetic Modelling and Their Applications Session Chairs: Weibing Lu and Xiaomin Pan

15:50 - 16:20	Modeling of graphene based strong coulping nanodevice (invited)113 <i>Xingang Ren</i> , Yong Wang, Hao REN, Zhixiang Huang, Xianliang WU <i>Xingang Ren</i> (Anhui University)
16:20 - 16:50	Frequency selective surface based two-dimensional displacement sensor with high sensitivity (invited)115 Lei Song, Bian Wu, Yu-Tong Zhao, Liang Chen, Mao-song Wu (Xidian University)
16:50 - 17:10	Thermoplasmonic simulation of metallic nanoparticles with hierarchical skeletonization117 Jun Chen, Da-Miao Yu, Xiao-Min Pan, XIn-Qing Sheng (Beijing Institute of Technology)
17:10 - 17:30	Electromagnetic heating effect of graphene absorber119 Lv Weiqi, Wei Bing Lu (Southeast University)
17:30 - 17:50	Analysis of a New Method to Design a Coaxial-to-Rectangular Waveguide Transition121 Jinyu Ye, Haozhe Zhang, Ran Chu (Nanjing University of Science & Thnology)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: FP2C

MIMO Antennas and mm W ave Antenna Arrays for 5G and Other Applications Session Chairs: Guangli Yang and Yong-Ling Ban

15:50 - 16:10	Suppression of Open Stopband of Leaky-Wave Antenna for Broadside Radiation in Ka-Band123
	Xiaowen Li, Junhong Wang
	(BJTU(Beijing Jiaotong University))
16:10 - 16:30	A Hybrid Antenna System for 5G-WLAN Customer Premise Equipment (CPE) Application125
	Zhang Ruiheng, Yi Zhiming, Chen Yuanqing, Zhu Lijia, Jin Hao, Yang Guangli
(Shang	Hai University)
16:30 - 16:50	A compact 12-port MIMO Mobile Antenna with dual LTE band127
	Qiutong Wu, Ji Huang, Juan Liu, Qi Yue, Zhiqing Ding, Zhiwei Liu (East China Jiaotong University)
16:50 - 17:10	A Miniaturized Unequal Power Divider Design for 5G Telecommunication systems
	Yue Han, Guoming Qian, Yongjin Liao
	(Nanjing University of Posts and Telecommunications)
	(Nanjing Oniversity of Fosts and Teleconfindineations)
17:10 - 17:30	In-Band RCS Reduction of a U-Slot Microstrip Patch Antenna131
	Chenghui Wang, Yikai Chen, Shiwen Yang
	(University of Electronic Science and Technology of China)
17:30 - 17:50	Millimeter-Wave Low-Profile Wideband Magneto-Electric Monopole Antenna133
	Jingxue Wang, Yujian Li, Junhong Wang
	(Beijing Jiaotong University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: FP2D Advances in EM Simulation and its Application Session Chairs: Hai Lin and Siyuan He

15:50 - 16:10	Three-dimensional Hyperuniform Disordered Luneburg Lens with Plasmonic Nanoparticles135 Qiao Cheng, Haoyang Zhang, Yang Hao (Queen Mary University of London)
16:10 - 16:30	A Wideband, Single-Layer Reflectarray antenna Exploiting a Polarization Conversion Element137 Guying Deng, Yunhua Zhang, Siyuan He, Guoqiang Zhu, Rumeng Chen (Wuhan University)
16:30 - 16:50	Scattering Center Parametric Forward Modeling Data Analysis
16:50 - 17:10	On the application of deep learning in modeling metasurface141 Yuze Tian, Hai Lin, Qinglin Zhang (Central China Normal University)
17:10 - 17:30	A Series-Fed High-Gain Antenna with Frequency- Controlled Beam Scanning143 QiangQiang Shi, WenXuan Tang, Meng Wang, JunFeng Liu, TieJun Cui (Southeast University)
17:30 - 17:50	An Improved Method of Trapezoidal Waves Time-Domain Parameters Extraction from EMI Spectrum145 Donglin Su, Hui Xu, Zongfei Zhou, Yn Liu (Beihang University)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: FP2E

Performance Enhanced Antenna and Array Based on Metamaterial Session Chairs: Jianxing Li, Daotong Li and Yingsong Li

15:50 - 16:20	An S-band Broadband Energy Selective Surface Design (invited)147 Guohui Yang, Yang Li, Qun Wu, Yingsong Li (Harbin Institute of Technology)
16:20 - 16:50	A Low Frequency CPW-Fed Monopole Antenna with Super Bandwidth for 10MHz-468MHz Applications (invited)149 Yinfeng Xia, Jianfeng Jiang, Wei Xue, Yngsong Li (Harbin Engineering University)
16:50 - 17:10	A Low Frequency Super Wideband Planar Sleeve Monopole Antenna with Lumped Elements Loading151 Yinfeng Xia, Jianfeng Jiang, Wei Xue, Yngsong Li (Harbin Engineering University)
17:10 - 17:30	A Frequency Selective Rasorber with Wide Transmission Band153 Yuting Zhao, Yinfeng Xia, Yingsong Li, Guo-Hui Yang (Harbin Engineering University)
17:30 - 17:50	A Low-Profile Miniaturized Muti-Band Second-Order Frequency Selective Surface155 Meiyu Wang, Yingsong Li, Lei Zhao, Wenhua Yu, Yinfeng Xia (Harbin Engineering University)
17:50 - 18:10	A novel method to extract base-frequency of square wave from harmonics in spectrum157 Qian Shi, Xu Hui, Wang Wang, Dong Lin Su (Beijing University of Aeronautics and Astronautics)

2019-08-10 AM

Room P (2nd floor, Academic Exchange Center of Nanjing University of Science and
Technology)

11:00 	POSTER Session: SA1P Poster Session 2
P.1	Optimization design of duplexer based on space mapping method159 Wenwen Meng, Juan Xu (Qufu Normal University)
P.2	Quantum Algorithm for Poisson Equation with Inhomogeneous Media161 Xunwang Dang, Liangsheng Li, Hongcheng Yn, Yong-Qiang Liu (Science and Technology On Electromagnetic Scattering Laboratory, Beijing, China)
P.3	An X-band Wide Beamwidth CP Antenna Design with Extended Structure of Dielectric Substrate163 Hong Jing, Wenxi Hao, Hui Ning, Zijian Zong (Northwest Institute of Nuclear Technology)
P.4	Research on Resistive Loading Method of Monocone Antenna
P.5	A Low-profile and Low H-plane Cross Polarization Filter Shorted Patch Antenna with High Selectivity167 Di Pang, Lei Li (Xidian University)
P.6	Multi-band energy harvesting antenna based on PVDF piezoelectric material169 Bai Xue, Han Wanyang, Xu Leijun (Jiangsu University)
P.7	An Ultra-wideband fractal antenna for microwave detection171 Xue Bai, Xing-mei Ge, Lei-jun Xu (Jiangsu University)

P.8	A Dual-frequency Slotted CPW Antenna for 2.45/5.8 GHz RF Energy Harvesting Based on PVDF173
	Xue Bai, Teng-guli Ali, Lei-jun Xu (Jiangsu University)
P.9	Linear-to-Circular (LTC) Antenna With Polarization Conversion Metasurface175
	Wenjie Wang, Jiuru Zhou, Mingbao Yan, Zhiqiang Li, Yongfeng Li, Jiafu Wang, Shaobo Qu (Air Force Engineering University)
P.10	A Dual-Band Millimeter-Wave Antenna Loaded with CSRR
	Xiang Cai, Yiming He, Jiayou Xu, Kewei Qin, Yng Luo (Shanghai University)
P.11	Design of Filtering Patch Antenna With U-Slots179
	Zizhong Shang, Chenjiang Guo, Jun Ding (Northwestern Polytechnical University)
P.12	Optimization Antenna Array Design of Genetic Algorithm
P.13	Broadband RCS reduction of Microstrip Antenna Using Conformal Metasurface
	Tong Li, Huanhuan Yang, Yinggen Lei, Sijia Li, Xiangyu Cao, Dong Sun(Air Force Engineering University)
P.14	An UWB Dual-Polarized Low Profile Tight Coupled Dipole Array185 <i>Yue Zhang</i> , Chenjiang Guo
	(Northwestern Polytechnical University)
P.15	A GaAs-Based Bandpass Filter with Tiny Size and High-Order Quasi- Elliptic Function Response
	(Nanjing University of Posts and Telecommunications)
P.16	Design of Small Rectangular Patch Coupler
	Qi Wang, Yang Gao, Wenmei Zhang (Shanxi University of China)

P.17	A 4 : 1 Unequal Wilkinson Power Divider Using Defected Ground Structure and Short-circuited Stub191 Chunxiao Li, Liang Xu, Hui Zhang
	(Xidian University)
P.18	Design of Ultra-wideband High Power Amplifier193 Changyou Li, Biao Sun, Yong Wang, Xiaoke Kang (China Shipbuilding Industry Co. 723 Institute)
P.19	Generalized Synthesis Design of a New Coupled-line Filtering Power Divider195 Binyu Han, Feng Huang, Yanyuan Zhu, Jianpeng Wang
	(Nanjing University of Science and Technology)
P.20	A Novel Parallel Coupled-Line Resonator For Array Antennas Coupling Isolation197
	Wei Liu, Zewei Ly Qiulin Huang, Xiaowei Shi (Xidian University)
P.21	A Cascade Scheme for Effectively Realizing Plasmonic-induced Absorption and Its Applications in Refractive Index Sensing
	Daobin Wang, Junjie Liu, Bo Chen, Handan Chong, Xiaoxiao Li, Lihua Yuan (Lanzhou University of Technology)
P.22	Planar microwave retroreflector based on a split ring resonator metasurface201 Yong-Qiang Liu, Xunwang Dang, Liangsheng Li, Hongcheng Yn (Science and Technology On Electromagnetic Scattering Laboratory)
P.23	An extremely wideband and the larger-incident angle three dimensional metamaterial absorber
	Wenjie Wang, Mingbao Yan, Cuilian Xu, Aixia Wang, Jinming Jiang, Mingde Feng, Jiafu Wang, Shaobo Qu (Department of Basic Science, Air Force Engineering University)
	(Department of Basic Science, All Force Engineering Oniversity)
P.24	Polarization-controlled Excitation of TE Mode Spoof Surface Plasmon Polaritons for Orthogonal Linear Polarized IncidencesN/A Yueyu Meng, Hua Ma, Jiafu Wang, Shaobo Qu
	(Air Force Engineering University)
P.25	Metasurface: Independent Manipulation of Co-polarized and Cross-polarized Waves
	Jiayi Liu, Jianxun Su, Zengrui Li
	(Communication University of China)

P.26	Study on the Propagation characteristics in complex Indoor Environment at 38GHz207
	Wei Ji, Yuanjian Liu (Nanjing University of Posts and Telecommunications)
P.27	Simulation of 60GHz Millimeter-wave Propagation Characteristics Based on SBR Method in Stairwell209 JinBo Ruan, YeRong Zhang
	(Nanjing University of Posts and Telecommunications)
P.28	Enhancing thermoacoustic signal in scattering media by controlling microwave propagation
	Zhu Zheng, Lin Huang, Huabei Jiang (University of Electronic Science and Technology of China Chengdu)
P.29	A Robust Estimation Method of the Wall Parameters Based on Machine Learning213
	Sheng Zhou, HuaMei Zhang, YeRong Zhang (Nanjing University of Posts and Telecommunications)
P.30	A Microwave Biosensor for Non-invasive Blood Glucose Detection with Accuracy Enhancement
	Kewei Qin, Yming He, Yue Pei, Xiang Cai, Yong Luo (Shanghai University)
P.31	A Microwave Glucose Sensor with Improved Sensitivity Using the Nonlinearity of PIN Diodes217
	Yue Pei, Kewei Qin, Yiming He, Lingqin Meng, Yong Luo (Shanghai University)
P.32	Method for Passive Millimeter Wave Image Polarization Information Display219
	Hui Gao, Li Wu, Junming Sheng, Shusheng Peng (School of Electronic and Optical Engineering, Nanjing University of Science & Technology)
P.33	Design of Multi-Beam Antenna Based on Rotman Lens
P.34	A Radar Imaging Method Based on Modified DCD Regularization223 Tianyun Wang, Bing Liu, Kai Kang, Yong Liu (China Satellite Maritime Tracking and Control Department)

P.35	Floating Small Target Detection in Sea Clutter by One-Class SVM based on Three Detection Features225
	Shuwen Xu, Jianan Zhu, Penglang Shui, Xiaoyun Xia (Xidian University)
P.36	Influence of Batch Normalization on Convolutional Neural Networks in HRRP Target Recognition227
	Zhequan Fu, Shangsheng Li, Xiangping Li, Bo Dan, Xukun Wang (Naval Aviation University)
P.37	A novel Huygens metasurface with beam-deflection performance
P.38	Design of an Ultra-Wideband Absorber Based on Antenna Reciprocity231 Junjie Tang, Huiling Zhao, Lin Song (Northwestern Polytechnical University)
P.39	Design of a Dual-Band Frequency Selective Surface with Angular Stability233 Zhixin Chen, Yang Xu, Xiuzhi Wang, Rui Wang, Lu Hao (Beijing Eletro-Mechanical Engineering Institute)
P.40	High resolution SAR signal processing system using FPGA235 Rui Liu, Daiyin Zhu, Die Wang, Wanwan Du
	(Nanjing University of Aeronautics and Astronautics)
P.41	Focusing of Two Dimensional Missing SAR Raw Data237
	Yulei Qian, Daiyin Zhu (College of Electronic Information Engineering, Nanjing University of Aeronautics and Astronautics)
P.42	A Higher-order Explicit MOT Scheme for Solving the Scalar Potential Integral EquationN/A
	Rui Chen, Hakan Bagci (King Abdullah University of Science and Technology)
P.43	Low Scattering Wideband Circularly Polarized Patch Antenna Using Metasurface Array239
	Zhaosong Liu, Ying Liu (Xidian University)

P.44	DC IR-Drop Analysis of Multilayered Power Distribution Network (PDN) with Thermal Effects ConsideredN/A PING LI, Lijun Jiang, Hakan Bagci (King Abdullah University of Science and Technology & The University of Hong Kong)
P.45	Generation of Vortex Electromagnetic Waves Based on Helical Antenna
P.46	The Influence of Different Factors on Rotor's Micro-Doppler Effects

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SP1A Progress on Methods of Multiscale Modeling and Optimizations Session Chairs: Giuseppe Vecchi, Mengmeng Li and Xinlei Chen

13:30 - 14:00	SIE-DDM Based on A Novel Skeletonization Scheme for MultiscaleN/A Problems (invited)
	Ming Jiang, Zhi Rong, Lin Lei, Sheng Sun, Yngpin Chen, Jun Hu (University of Electronic Science and Technology of China)
14:00 - 14:30	Efficient Pattern Computation for Metasurface Antenna Design Scheme using Div-Conforming Annular-Ring Entire Domain Basis Functions (invited)N/A
	Francesco Verni, Marco Righero, Mengmeng Li, Giuseppe Vecchi (Politecnico Di Torino)
14:30 - 14:50	Accelerated Iterative Solution of Monostatic RCS from PEC Targets via Randomized Algorithm245
	Xiaojie Li, Zhiwen Dong, Xinlei Chen, Changqing Gu
	(Nanjing University of Aeronautics and Astronautics)
14:50 - 15:10	Nested Equivalence Source Approximation for Realistic Multiscale Simulations: From Low to Mixed-form Frequency247
	Zixuan Ma, Shihao Zhou, Zhaoxi Liu, Mengmeng Li, Rushan Chen, Matteo
	Alessandro Francavilla, Giuseppe Vecchi
	(Nanjing University of Science and Technology)
15:10 - 15:30	Design of Boradband and Broad-Angle Low-Scattering Conformal
	Metasurface with Genetic Algorithm249
	Shiyuan Li, Shihao Zhou, Fanyuan Li, Zhaoxi Liu, Zixuan Ma, Mengmeng Li
	(Nanjing University of Science and Technology)
15:30 - 15:50	Low-profile wide band end-fire antenna on Metallic Surface Environments251
	Rong Bu He, Qi Wu, Ping Wang, Yu Shao (Guizhou Power Grid Company Ltd)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SP1B

Recent Pr ogress on Electr omagnetics Modeling and Multiphysics Simulations Session Chairs: Zhixiang Huang and Yumao Wu

13:30 - 14:00	Transient Electromagnetic-thermal Co-Simulation Based on DGTD Method (invited)253
	Pei YuChen, Huan HuanZhang, Wei E.I.Sha, Da ZhiDing (Xidian University)
14:00 - 14:30	The Efficient Multilevel Fast Physical Optics Method (invited)255 ZhiYang Xue, Yu MaoWu, Ya-Qiu Jin (Fudan University)
14:30 - 15:00	Debye Coefficients for Low Frequency FDTD Dispersive Soils Analysis (invited)257
	andres Velasco, Mohammed F. Hadi, Atef Z. Elsherbeni, Joseph E. Diener (Colorado School of Mines)
15:00 - 15:20	Effect of Saturation Resistance on Class E Power Amplifier with π Network
	Chuicai Rong, Mengchao Li, Xiang Cao, Shoucai Yuan (Gannan Normal University)
15:20 - 15:40	Design of a New Type of Dual Band and High-Isolation Ortho-mode Transducer in Ku-band
	Wenhao Yin, Mingyue Jiao, Linlin Sun (School of Electronic and Optical Engineering, Nanjing University of Science & Technology)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SP1C Application of Machine Learning T echniques in Electr omagnetic Modeling and Measur ement Session Chairs: MaoKun Li and Qi Wu

13:30 - 14:00	High-resolution Three-dimensional Microwave Imaging Using a Generative Adversarial Network (invited)
	Min Wang, Haoyang Li, Ya Shuang, Lianlin Li (Peking University)
14:00 - 14:30	A Novel Antenna Design Method Based On Hybrid Machine Learning Algorithms (invited)N/A
	Yeyang He, Dan Shi, Mengtao Xue, Chaoying Li
	(Beijing University of Posts and Telecommunications)
14:30 - 14:50	Supervised Descent Method for 2D Magnetotelluric Inversion using Adam Optimization265
	Yubo Ma, Rui Guo, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar (Tsinghua University)
14:50 - 15:10	Received Power Prediction Based on Ray-tracing and Artificial Neural NetworkN/A
	Danping He, Hang Mi, Ke Guan, Bo Ai, Zhangdui Zhong, Wei Liu (Beijing Jiaotong University)
15:10 - 15:30	Towards microwave stroke detection using deep-learning schemeN/A Chengran Fang, XIUZHU YE (Beihang University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SP1D Deep Learning in Radar Image Analysis and Information Retrieval Session Chair: Xu Feng

13:30 - 14:00	A new weighted classifier combination method with two-step evidential discounting operations (invited)267 Xuxia Zhang, Jingfei Duan, Zuowei Zhang, Zhunga Liu (Northwestern Polytechnical University)
14:00 - 14:30	Equivalent Complex Valued Deep Semantic Segmentation Network For SAR Images (invited)269 Jiankun Chen, Xiaolan Qiu (Insitute of Electronics, Chinese Academy of Science
14:30 - 14:50	Forest Height Mapping Using Complex-Valued Convolutional Neural NetworkN/A Xiao Wang, Haipeng Wang, Feng Xu (Fudan University)
14:50 - 15:10	Generalized Coherent Scatterer Model for SAR ImagesN/A Dong-Xiao Yue, Feng Xu (Fudan University)
15:10 - 15:30	Unsupervised classification for Mini-RF SAR using m-δ decomposition and Wishart classification271 Wenliang Zhang, Hongxia Ye (Key Laboratory For Information Science of Electromagnetic Waves (MoE) Fudan University)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SP1E Advanced Radar and Signal Pr ocessing Session Chairs: Xichao Dong and Xiangrong Wang

13:30 - 14:00	Multi-target detection for FMCW radar based on interferometer direction finding (invited)273
	Lei Huang, Renli Zhang, Lei Zhang, Weixing Sheng, Lei Zhang (Nanjing University of Science and Technology)
14:00 - 14:30	Extracting Vertical Distribution of Aerial Migratory Animals Using Weather Radar (invited)275
	Kai Cui, Cheng Hu, Rui Wang, Siwei Li, Dongli Wu, Shuqing Ma (Beijing Institute of Technology)
14:30 - 14:50	An SDR Based AIS Digital Receiver for Micro-nano Satellite
	Peng Li, Haifeng Fei, Qing Yu, Bixuan Jiao, Dan Zhao, Renhong Xie, Yibin Rui
	(Nanjing University of Science and Technology)
14:50 - 15:10	Multi-Band Synthesis of Wideband Radar based on Compressed Sensing279
	Xiaobo Wang, Tiezhen Jiang (Anhui University)
15:10 - 15:30	3-D Velocity Estimation for Moving Targets Based on InISAR with Orthogonal Baselines
	Meng Ma, Guangzhou Qu, Youcheng Wang, Hucheng Pei
	(Beijing Electro-Mechanical Engineering Institute)

Room P (2nd floor, Academic Exchange Center of Nanjing University of Science and
Technology)

15:30	POSTER Session: SP1P
- <u>17:00</u>	Poster Session 3
P.1	Parametric POD-Galerkin model order reduction with a greedy algorithm for the time-domain Maxwell's equations283 Kun Li, Ting-Zhu Huang, Liang Li, Stephane Lanteri (University of Electronic Science and Technology of China)
P.2	The Rapid Anistropic Diffusion Model Based on Mi-shaped and Hyperbolic Tangent Function285 JingJing Sun, Yanyan Zhang (Nanjing University of Information Science & Technology)
P.3	Transient Analysis of Few-layer Graphene Using Marching-on-in-degree TDIE287 Quanquan Wang, Zukun Song, Jian Zhu, Huazhong Liu (Nanjing University of Posts and Telecommunications)
P.4	An Effective Boundary Integral Equation Method for Extracting Distributed Parameters of Interconnects
P.5	The Spherical Harmonics Expansion-Based Multilevel Fast Multipole Algorithm for Inhomogeneous Bi-anisotropic Objects291 Limei Luo, Jinbo Liu, Zengrui Li, Jiming Song (Communication University of China)
P.6	Analysis of an E×B Layer for the Mitigation of Radio Blackout using Spectral-Element Time-Domain Method293 Huan Zhang, Yijun Sheng (Nanjing University of Science and Technology)
P.7	High Efficiency Non-Resonance Wireless Power Transmission System Based On Meta-SurfaceN/A Yu-Hang Liu, Fan-Yi Meng, Qun Wu (Harbin Institute of Technology)

P.8	A Infrared Cloud Image Simulation Method for Cloud Segmentation Network Training295
	Hang Qi, Jianquan Yuan, Lei Li, Jun Ren, Jie Liang
	(Science and Technology On Complex System Control and Intelligent Agent Cooperation Laboratory)
P.9	Analysis of near-field scattering from ship target on rough sea surface irradiated by horn antenna297 Ying Zhang, Wei Liu (Xidian University)
P.10	Parallel SDDM with Communication-Avoiding BICGSTAB for Large-Scale 3D Scattering Problems299 Ming-Ye Fan, Rui-Qing Liu, Ming-Lin Yang, Xn-Qing Sheng
	(Beijing Institution of Technology)
P.11	Terahertz polarization reconfigurable segmented helical antenna using additive manufacturing301
	<i>Dong Li</i> , Steven Gao, Chao Gu, Jianxiao Wang, Dawei Song, Xiaojun Li (National Key Laboratory of Science and Technology On Space Microwave)
P.12	A Low-Profile Tightly Coupled UWB Array Antenna
	Manman Li, Aixin Chen, Kang An (Beihang University)
P.13	Design of a Dual-Band Balanced SIW Bandpass Filter with High Common- Mode Suppression305
	Zhenyao Qian (Nanjing Normal University)
P.14	Design of A Wideband Differential Phase Shifter for Large Phase Shifts Application307
	Jianxiao Wang, She Shang, Dawei Song, Xiaojun Li, Xi Luo, Dong Li (National Key Laboratory of Science and Technology On Space Microwave)
P.15	Design of Ground Penetrating Radar Transmitter Based on JESD204B Communication Protocol
	Zheng Li, XinHuai Wang, HongBo Wei, HuaiFang Su, Run He, Yin Xu, Shufang Liu
	(Xidian University)
P.16	A New Two-Way Multilayer SIW Filtering Power Divider (FPD) with Good Isolation311
	Yijie Liu, Enrong Wang, Hailong Zhang, Gang Zhang (Nanjing Normal University)

P.17	Frequency Selective Transmission Screen With Dual Absorbing Sides
P.18	A 3D-Printed All-Dielectric Metamaterial with Circular Dichroism Behavior315 Xi Yang, Ruixin Wu (Nanjing University)
P.19	Broadband Multi-frequency Electric Field Measurement Using Dual Optical Frequency Combs
P.20	Effects of Weakly Ionized Dusty Plasma on the Polarization Property of Obliquely Incident EM Waves
P.21	Electromagnetic wave propagation in magnetized plasma turbulence
P.22	The attenuation of a right-hand polarized terahertz wave propagation in a magnetized and non-uniform plasma with the WKB method323 Huan Yu, Guanjun Xu, Zhengqi Zheng (East China Normal University)
P.23	Total-variation compressive sensing microwave induced thermal acoustic tomography method for breast tumor detection
P.24	An Electromagnetic Compatibility Rectification Example of a Servo Sub- system
P.25	Joint Estimation Method for Frequency and DOA of Virtual Antenna Array in Space-Time Domain
P.26	A Design Method of X-band Waveguide Clipper Based on Periodic Structure

P.27	Simulation on the characteristic of a metamaterial polarization converter
P.28	Study on the Safety Protection Distance of Electromagnetic Radiation for very low Frequency Antenna Array
P.29	A novel accelerating technique by same meshes in finite elements method
P.30	A method of estimating the distribution of evaporation duct height from statistical meteorological parameters
P.31	The Modified Encoder-decoder Network Based on Depthwise Separable Convolution for Water Segmentation of Real Sar Imagery
P.32	Ultra-Wideband Polarization Independent Absorber Based on Square Ring Structure with Nonuniform Ring Width343 Jiayong Yu, Hui Zhang, Zengrui Li (Communication University of China)
P.33	Amplitude Phase Shift Keying Aided Rectangular Differential Spatial Modulation
P.34	A Design to Improve Isolation of Miniaturized Vehicle-mounted Millimeter-wave Radar
P.35	Robust adaptive beamforming with sidelobe controlled based on improved objective function
P.36	Robust adaptive low sidelobe beamforming based on iterative correction

P.37	The Research of Metamaterial Absorbers' Design Optimization and Tuning
P.38	Realization of Sub-Aperture Based Multi-View ISAR Imaging for Complex ObjectsN/A Tiantian Feng, Yan Liu, Chao-Fu Wang, Lixin Guo (Xidian University)
P.39	Reconstruction of Isolated Objects by PSO-based Inverse Scattering Method355 Chunxia Yang, Jian Zhang, Meisong Tong (Shanghai Normal University)
P.40	Research on High Frequency Scattering Prediction Algorithm for Metal Targets Containing Dielectric MaterialsN/A Yan Zhu, S.Y He, G.Q Zhu, YH Zhang, Qi Huang (Wuhan University)
P.41	Characteristics of Sidelobes in SAR image of Complex Target357 Zhidan Bian, Qiu ZheYu (Wuhan University)
P.42	High-Q EIT in dielectric metasurface with electric-magnetic coupling359 Yan Ren, Hai Lin (Central China Normal University)
P.43	Analysis of the Effect of Aperture Coupling on Enclosure Shielding Effectiveness
P.44	Simulation of Quantum Radar Cross Section for 3-D Targets
P.45	Solving Semiconductor Heat Conduction Problem Based on Ballistic-Diffusive Equation with Spectral Element Time-Domain Method
P.46	Low-Cost Design Optimization of Antenna with Heuristic Sample Selection Algorithm

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SP2A

Progress on Methods of Multiscale Modeling and Optimizations Session Chairs: Giuseppe Vecchi, Mengmeng Li and Xinlei Chen

15:50 - 16:10	Replacement scheme optimization of near field based on FG-FFT algorithm and its application in broadbandN/A
	WeiBin Kong, Jiaye Xie, Feng Zhou, Xiaofang Yang, Kailai Zheng (Yancheng Institute of Technology)
16:10 - 16:30	Design of Ultra-Wideband Tunable Cross Polarization Converter Based on a Graphene
	Sajjad Muhammad, Xiangkun Kong, Shaobin Liu, Saeed UrRahman, Juzheng Han
(Nanjing Ur	niversity of Aeronautics and Astronautics)
16:30 - 16:50	Analysis of Metasurface to modulate EM waves based on the GSTC-FDTD method
	Di Mu, Yi Wang, Qunsheng Cao
	(Nanjing University of Aeronautics and Astronautics)
16:50 - 17:10	Optimal design of a printed patch antenna using Water Cycle Algorithm
17:10 - 17:30	Design of 2-18GHz Zero-Bias Schottky Diode Detector

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SP2B

Vortex Electr omagentic W aves and Orbital Angular Momenta Session Chairs: Wei E.I. Sha and Zi He

15:50 - 16:20	Low-Profile High-efficiency Metasurface Lenses (invited)N/A Weiren Zhu (Shanghai Jiao Tong University)
16:20 - 16:50	Scattering from Rough Sea Surface by Electromagnetic Vortex Wave (invited)
	Shaoqing Guo, Zi He, Rushan Chen, Jianxiao Wang (Nanjing University of Science and Technology)
16:50 - 17:10	Scattering of the Electrically Large Target based on the Electromagnetic Vortex
	Bihuan Yin, Zi He, Rushan Chen, Jianxiao Wang (Nanjing University of Science and Technology)
17:10 - 17:30	Design of transparent and low RCS antenna based on absorbing metasurface
	Jia-qi Zhou, Hao-ran Zu, Bian Wu, Mao-song Wu, Liang Chen (Xidian University)
17:30 - 17:50	Localizing and Converting Microwaves with MetasurfacesN/A Su Xu (Jilin University)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SP2C

Application of Machine Learning T echniques in Electromagnetic Modeling and Measurement Session Chairs: MaoKun Li and Oi Wu

- 15:50 16:10 A Preliminary Study on Applying Machine Learning Techniques to Electromagnetic Problems......N/A
 Bo-Yue Song, Xiao-Min Pan, XIn-Qing Sheng (Beijing Institute of Tecnology)
- 16:30 16:50 A Novel Efficient Preprocessing Method for Physical Optics.....N/A Ce Zhang, Rui Wang, Lixin Guo (Xidian University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SP2D

Machine Learning for Design of Micr owave Devices Session Chairs: Yubo Tian and Lixia Yang

- 15:50 16:20 A Novel Coding Stereo Metamaterial Optimized by Ergodic Algorithm (invited).....N/A
 Wei Fang, Yingjie Wang, Xianyou Xie, Ping Chen (Nanjing University)

2019-08-10 PM

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SP2E

Radar Marine T arget Detection and Recognition Session Chairs: Xiaolong Chen and Chao Wang

- 16:20 16:50 Sparse Time-frequency Distribution and Its Applications for Radar Target Detection (invited).....N/A
 Xiaolong Chen (Naval Aviation University)
- 17:10 17:30 Design of a new type of variable polarization grooved corner reflector......401
 Yuchun Pan, Chunsheng Han, Chaoying Zhu, SHENG LI (No.92941 Troop of PLA)
- 17:30 17:50 Design of a Compact and Wideband Horn Antenna.....N/A Weihua Tan, Zhongxiang Shen (Nanyang Technological University)
- 17:50 18:10 A K/Ka Dual-Band Shared-Aperture High Efficiency Reflectarray Antenna Based on Structure-Reuse Technique.......403
 Yan Liu, Yu Jian Cheng (University of Electronic Science and Technology of China)

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SA1A

The Finite-Differ ence Time-Domain (FDTD) Method: State of the Art and Futur e Session Chairs: Zhengyu Huang and Xichao Bo

- 08:30 09:00 FDTD Acceleration Techniques on Multi-Level Parallel Structure System (invited).......405 Wenhua Yu, Jiahao Zhu, Geng Chen, Lei Zhao (Jiangsu Normal University)
- 09:00 09:30 Electromagnetic computation for 5G usages -- EastWave software (invited).....N/A Xunya Jiang (ShangHai DongJun Information and Technology Co.,Ltd)
- 09:30 09:50 Design of left-handed material microstrip antenna......407 Min Zhao, Juan Xu (Qufu Normal University)
- 09:50 10:10 Low Cost, Electrically small, Quasi-Isotropic Antenna Based on Split Ring Resonator......409 Yang Wang, Ming-Chun Tang, Dajiang Li, Kun-Zhi Hu, Mei Li, Xiaoheng Tan (School of Microelectronics and Communication Engineering, Chongiqing University)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SA1B

The Pr oblem of Space Complex Dynamic Multi-Objects Electr omagnetic Characteristics Session Chairs: Jiaqi Liu and Shengjun Zhang

- 08:30 09:00 A Forward Approach to Establish Scattering Center Models Based on Target Geometric Model (invited)......411
 Lei Zhang, Siyuan He, Yunhua Zhang, Guoqiang Zhu (Wuhan University)
- 09:00 09:20 Multi-physics and Multi-scale Electromagnetic Modeling and High Performance Algorithms.......413 Yu MaoWu, Ya-Qiu Jin (Fudan University)
- 09:20 09:40 Chang'e 3 and 4 Landing Sites Microwave Backscatter Coefficient Analysis........415 Ruidong LIU, Lanlan ZHOU, Gang CHEN, Aijun Zhang, Shuanlao LI (CAST Xi'an Institute of Space Radio Technology)
- 09:40 10:00 Characteristic analysis of large scale fading using wavelet method in urban environment.......417 Jingjing Liang, Guizhen Lu, Xingning Jia (Communication University of China)
- 10:00 10:20 Calculations of scattering characteristics of typical sea targets based on full wave electromagnetic simulation......419
 Jiefu Zhao, Chuanchao Song, Wen Han, Lizhong Song (Harbin Institute of Technology At Weihai)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SA1C

Progress on Periodic Structur es: Fss and Metamaterials Session Chairs: Shengjun Zhang and Hexiu Xu

- 08:30 09:00 A Double-layer Circularly Polarized Lens Array Element Based on Angular Rotation Techniques (invited)......421 Xianjiang Zhong, Hexiu Xu (Xi'an Technological University)
- 09:00 09:30 Graphene-based Terahertz metasurface Salisbury screen with tunable wideband absorption (invited)..........423 Tianshu Li, Ke Chen, Xinyao Luo, Junming Zhao,Yijun Feng (Nanjing University)
- 09:30 09:50 Frequency-and-spin multiplexed metasurface.......425 He-Xiu Xu, Zhao-Hui Wang, Yan-Zhao Wang, Lei Han, Cheng-Wei Qiu (Air Force Engineering University)
- 09:50 10:10 Broadband Sequential Rotation Array of Circularly-Polarized Metasurface Antennas at Ka-Band.......427 ZhiXuan Zhang, Zhi Hao Jiang, Ruo Fei Ma, Yuan Li, Wei Hong (Southeast University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SA1D

Integral Equation and Differential Equation, Time Domain and Frequency Domain Methods

Session Chairs: Jiming Song, Xiaokang Yin and Zhiwei Liu

- 08:30 08:50 Electromagnetic Characteristics Optimization Based on Shape Deformation......431 Han Wang, Chunbei Luo, Hai Lin (Zhejiang University)
- 09:10 09:30 Transient Field of a Horizontal Electric Dipole Excited by Delta-function above an Anisotropic Dielectric Layer......435 Zhen Ting Chen, Hui Ran Zeng, Liu Xi Sun,Tong He, Kai Li (Zhejiang University)
- 09:50 10:10 An effective compensating approach to the synthesis of sparse array with element-failures.......439 Anqi Qin, ¥jun Sheng (Nanjing University of Science and Technology)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SA1E EMC & EMI of Ship Session Chairs: Chong Hua Fang and Hongxing Zheng

- 08:30 09:00 The Analysis of Quantum Radar Scattering for the Typical Pyramid Structure (invited)......441 Chonghua Fang, Xinyang Shi (China Ship Development and Design Centre)
- 09:00 09:30 Water-based Metamaterial Absorber Applied to Ships (invited)......443 Junfeng Chen, Long Xiao, Jingxian Yang, Xiutao Huang, Conghui Lu (China Ship Development and Design Center)
- 09:30 09:50 Time-domain Coupling Characteristics of non-uniform Twisted Pair Cable under Nuclear Electromagnetic Pulse..........445 Qifeng Liu, Hui-min Liao, Wei-Jun Wu, Jing-Wei Liu (China ship development and design center)
- 09:50 10:10 Analysis of scanning error of array antenna by fss radome......447 Yi Mo, Liang Chen, Wei Jun Wu, Qi Feng Liu, Qi Zhang (China Ship Development and Design Center)
- 10:10 10:30 Multi-angle Fiber DLS system Based on Microfluidics Technology.......449
 Long Xiao, Pan Zhang, Wei Li, Min Xia, Wenping Guo (China Ship Development and Design Center)

Room P (2nd floor, Academic Exchange Center of Nanjing University of Science and Technology)

10:00		POSTER Session: SA1P
- 11:30		Poster Session 4
	P.1	Direct Calculation of Time-Domain Reflected Waves from a Layered Lossy Media451 Ning Shen, Bing Wei (Xidian University)
	P.2	Accurate Solution of Electromagnetic Problems with Thin Conducting Objects453 Jianfeng LI, Xiaojun JING, Meisong Tong (Beijing University of Posts and Telecommunications)
	P.3	A Novel Evaluation Scheme for Hypersingular Integrals over Triangular Patches455 Jianfeng LI, Xiaojun JING, Meisong Tong (Beijing University of Posts and Telecommunications)
	P.4	Electromagnetic Scattering Analysis of Complex Target Separation Process Using GPU-Based MLCBFM457 Gang Zhang, Chenhao Xue, Renli Zhang, Yubing Han (Nanjing University of Science and Technology)
	P.5	Compact Dual-Band Dual-Ring Antenna for WLAN/WiMAX ApplicationsN/A Jian Yu (Nanjing Tech University)
	P.6	3D-Printed Hemispherical Helix GPS Antenna with Stable Phase Center459 Yonghui Yan, Qingjiang Nan, Chunsheng Liu, Yan ZHANG, Ji Li (Jiangsu Province Nanjing Engineering Vocational College)
	P.7	A Novel Design of Composite Right/Left Handed Leaky-Wave Antenna Based on Substrate Integrated Waveguide461 Longhua Hu, Junhong Wang (Beijing Jiaotong University)
	P.8	High Gain Slot Antenna Array for Millimeter-Wave Anti-Collision Radar Application463 Zhiyao Xu, Yanhui Liu (Xiamen University)

P.9	Design of Dual-Band Bandstop Filters Using Microstrip and DGS Resonators
P.10	An Optical Electric Field Sensor with KTP Crystal
P.11	An Ultra-wideband Notch Frequency-Adjustable Filter With Improved Band Rejection Performance
P.12	Compact Wilkinson Power Divider Using Interdigital Capacitor Loaded Slow- Wave Line471 Cheng Fenglei, Li Mengmeng, Jiang Bo, Zhang Tong (Nanjing University of Science & Technology)
P.13	A Novel Ultra-wideband Bandpass Filter473 Xing Jun, Bai Mingqiang, Wei Lianggui, Zhang Xingwen (China Shipbuilding Industry 723rd Institute)
P.14	Bandpass Filter Design Using Quad-Mode Stub-Loaded Loop Resonator475 Chen Liang, Yun Liu, Tao Liu, Fanbin Tai (Nanjing University of Aeronautics and Astronautics)
P.15	A band-stop filter based on mode-selective corrugated substrate integrated waveguide477 Yongbo Feng, Lei Li (Xidian University)
P.16	Synthesis and Design of 3D Bandpass Frequency Selective Surface with Stacked Slotlines479 Wanping Zhang, Bo Li, Lei Zhu (Nanjing University of Posts and Telecommunications)
P.17	Two transmission window slow light metamaterial481 Feng Xue, Xiangkun Kong, Shao Bin Liu (Nanjing University of Aeronautics and Astronautics)
P.18	Three-Dimensional Frequency Selective Surface with Quasi-Elliptic Bandpass ResponseN/A YU ZUO, Jianxuan Li, Jialin Shi, Zusheng Jin, Rui Chen, Haijun Wan (Naval Research Academy)

P.19	Modeling Research on Electric Discharge Radiation Field Based on System Identification Theory
P.20	(Wuhan College of Mechanical Engineering)EMI Spectrum Identification and Suppression Methods for Synchronous Buck
	Converter
P.21	Gap Effects on the Coupled System of Multiple Microresonators
	(Science and Technology On Complex System Control and Intelligent Agent Cooperation Laboratory)
P.22	Electric Field Sensor Using Multi-tapered Optical Fibers and Electro-optic Polymers
	Chonghui Zhang, Shuguo Xie, Ming Zuo (Beihang University)
P.23	Investigations on the Microwave-Absorbing Properties of NiZnCo Magneto- Dielectric Ferrites491
	Xu Wu, Zongliang Zheng, Quanyuan Feng (Southwest Jiaotong University)
P.24	Dielectric Constant Measurement and Error Analysis of 3D-Printing Materials For Microwave Applications
	Yifei Liu, Hengzhi Wan, Yicheng Bao, Yefan Xie, Yazhang (Southeast University)
P.25	Development of a High-temperature Micro-tube Furnace for the in-situ Investigation
	GuoZheng Wu, Hao Xue, Yi Bai, Di Wang (Tianjin University of Technology)
P.26	Research on Sea Surface Target Tracking of Networked Forward Scatter Radar497
	Mofan Li, Wenhai Li, Xichao Dong (Beijing Institute of Technology)
P.27	Airborne Phased Array Precipitation Radar and Target Contrast Test
	(Nriet Co.,Ltd,14th Research Institute of CETC)
P.28	High precision range and velocity estimation through fusion processing from P and D band Radar501
	Zhijia Zhang, Renli Zhang, Weixing Sheng, Lei Zhang (Nanjing University of Science and Technology)

P.29	Radial Accelerated Velocity Estimation for Moving Ship Target Imaging based on GRFT in Geosynchronous SAR503 Ying Zhang, Wei Xiong, Xichao Dong, Cheng Hu, Chengxiang Liu, Yang Sun
	(Space Engineering University)
P.30	Influence of MSTAR Azimuth Granularity on CNN Recognition Performance505
	Chao Li, Jinfan Liu, Chao Wang (Science and Technology on Electromagnetic Scattering Laboratory)
P.31	Classification of Combination Target's Components Based on Deep Learning507
	Wenlin Zhang, Sheng Li, Chaoying Zhu, Chao Wang (Science and Technology On Electromagnetic Scattering Laboratory)
P.32	Classification and recognition of ballistic microcephalus based on deep neural network509 Tiantian Cai, Yijun Sheng, Zi He, Wenfeng Sun
	(Nanjing University of Science and Technology)
P.33	Mixed Signals Separation of Multiple Targets Based on SOBI Algorithm511 Xinyi Huang, Dazhi Ding, Rushan Chen, Wenfeng Sun (Nanjing University of Science and Technology)
P.34	Fast Simulation on the Radar Cross Section of Micro-motion Group Targets in the Middle of Trajectory513 Wang Liben, Zhaolong Li, Zi He, Wenfeng Sun (Nanjing University of Science and Technology)
P.35	A Novel Moving Target Detection Method for VideoSAR515 Liting Gou, Daiyin Zhu, Yong Li (Nanjing University of Aeronautics and Astronautics)
P.36	DOD and DOA estimation for MIMO radar based on combined MUSIC and sparse Bayesian learning517 Jianfeng Li, Yi He, Lang He, Xiaofei Zhang (Nanjing University of Aeronautics and Astronautics)
P.37	Grid Fusion of Rough Sea Surface and Ship for Composite EM Scattering and Image Simulation519 Zihao Zhao, Hongxia Ye (Fudan University)

P.38	Electromagnetic Compatibitility Analysis with Ultra-Wideband Simultaneous Switching Noise Suppression for Antenna-in-Package521
	Haoran Zhu, Yufa Sun, Xianliang Wu (Anhui University)
P.39	Simulation of Air Breakdown in Waveguide by Spectral-element time-domain Method523
	Xiaoyang Li, Juzheng Han (Nanjing University of Science and Technology)
P.40	A Study on the Linearity Variation of Planar Axial Gradient Coils with the Weight Factor
	Li Li, Mingyu Wang, Xinghui Yan, Xuewei Ping, Qingbo Li (College of Computer and Information HoHai University)
P.41	Efficient Exponential Function Evaluation for MOM and Its Applications to Integrated Circuit Modeling527
	Shunchuan Yang, Donglin Su (Beihang University)
P.42	A Subwavelength 1-Bit Broadband Reconfigurable Reflectarray Element Based on Slotting Technology
	Di Wang, Yunhua Tan, Li-Zheng Yin, Tie-Jun Huang, Pu-Kun Liu (Peking University)
P.43	Sparse Aperture Inverse Synthetic Aperture Radar Imaging Based on Gridless Compressive Sensing531
	Weitao Wu, Zhaolong Li (Nanjing University of Science and Technology)
P.44	Maneuvering Target ISAR Imaging Based on Synchroextracting Transform533 Jie Zhang, Dazhi Ding
	(Nanjing University of Science and Technology)
P.45	Detection of Rotational Object in Squint Sight Based on Orbital Angular Momentum535
	Yu Wang, Kang Liu, Hongyan Liu, Yuliang Qin, Xingyue Liu (National University of Defense Technology)
P.46	Research and Application of High Order FDTD Algorithm
	Tao Liu, Le Xu, Zhenghao Xue, Yong Yang, Xiaowei Shi (Xidian University)

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SA2A

The Finite-Differ ence Time-Domain (FDTD) Method: State of the Art and Futur e Session Chairs: Zhengyu Huang and Xichao Bo

- 10:20 10:50 An Effective FDTD Method for Multiscale Problems (invited)......539 Xinbo He, Bing Wei, Kaihang Fan (Xidian University)
- 11:10 11:30 The Doppler Frequency of Moving Object by FDTD............543Xiao Junfeng, Chen Zhangyou, Gao Yuan, Wu Xiongbin (Wuhan University)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SA2B Radar T arget Modeling and Its Application Session Chair: Chaoying Huo

- 10:20 10:50 Modeling of Radar Targets in Complex Environment (invited).....N/A Xunwang Dang, Chaoying Huo, Hongcheng Yin (Science and Technology On Electromagnetic Scattering Laboratory, Beijing, China)
- 10:50 11:20 Technology of electromagnetic scattering feature extraction and its application (invited).....N/A Chaoying Huo, Hongcheng Yin, Xiaoyu Xing, Hua Yan, Yanqing Wang (Science and Technology On Electromagnetic Scattering Laboratory, Beijing, China)
- 11:20 11:40Sparse Passive Radar Imaging for Extended Target...........549Tian Yunwang, Bing Liu, Qiang Wei, Bo Cong, Qinghua Yu
(China Satellite Maritime Tracking and Control Department)
- 11:40 12:00 Attitude Estimation of Satellite in Orbit from ISAR Mapping Sequence.....N/A Feng Wang (Fudan University)
- 12:00 12:20 A Novel Dual Bandpass Frequency Selective Surface.......551 Lan Lu, Xiaofeng Yan, Yongxing Che, Haotong Li (Science and Technology On Electromagnetic Scattering Laboratory)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SA2C

Engineering Metamaterials, Micr owave Photonics, Nanophotonics and Metasurfaces Session Chairs: Shengjun Zhang and Hexiu Xu

- 10:20 10:40 Ultra-Light Broadband RCS Reduction Stereo Metamaterial Based on Scattering Cancellation.......553
 Wei Fang, Yingjie Wang, Xianyou Xie, Ping Chen (Nanjing University)

- 12:00 12:20 The Effect of Finite Ground on The Radiation Field of The Microstrip Patch Antenna.....N/A Shilo Klimovsky David Barak, Evgeni Frishman (Jerusalem College of Technology)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SA2D

Electr omagnetic Modeling and Simulations for NDE Applications Session Chairs: Jiming Song, Xiaokang Yin and Zhiwei Liu

- 11:10 11:30 Automatic Detection of Rebar in Concrete using Ground Penetrating Radar.....N/A Chunxu Lin, Jianying Lin, Hai Liu, Jie Cui, Billie F.Spencer.Jr (School of Civil Engineering, Guangzhou University)
- 11:30 11:50 A mathematical model for the radiation field of the cylindrical-rectangular patch antenna.....N/A
 Shilo Klimovsky David Barak, Michael Bendayan, Evgeni Frishman (Jerusalem College of Technology)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SA2E EMC & EMI of Ship Session Chairs: Chong Hua Fang and Zengrui Li

- 10:40 11:00 Ultra-Wideband Electromagnetic Environment Signal Generation Based on Optical Heterodyne Method...........573
 Rui Wang, Li Tao, Hui Tan, Zhili Wang, Mengxue Li (China Ship Development and Design Centre)
- 11:20 11:40 Electromagnetic Interference Test of High Speed Train and Analysis of its Influence on LOC........577 Xiaojia Yang, Feng Zhu, Nan Lu (The Second Research Institute Civil Aviation Administration of China)
- 11:40 12:00 2D Through-the-Wall Radar Imaging based on Gridless Compressed Sensing........579
 Yuchen Wang, Fangfang Wang (Nanjing University of Posts and Telecommunications)
- 12:00 12:20 Application of the FFT-PVVA Fast Solution in Designing Terahertz Compact Antenna Test Range...........581
 Ming Jin, Bohao Fan, Dong Xia, Ming Bai (School of Information Science and Technology, Beijing University of Chemical Technology)

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SP1A EMC, SI and PI in High-speed Electr onics Session Chairs: Si-Ping Gao, Long Li and Huapeng Zhao

- 14:00 14:30 An Adaptive Near-Field Sampling Strategy for Multiple EMI Sources Localization (invited).....N/A
 Sihong Tao, Huapeng Zhao, Zhizhang Chen, Jun Hu (University of Electronic Science and Technology of China)

- 15:10 15:30 A Fourier Bases Expansion Contractive Integral Equation for Inverse Scattering Problem.....N/A Lu Zhang, Kuiwen Xu (Hangzhou Dianzi University)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SP1B

Circuits and Devices for Micr owave, RF, Millimeter, and THz W ave Session Chairs: Chi Yung Yam and Hui Zeng

- 14:00 14:20 Use of Interdigital Capacitive Transducers for Sensing Low Concentration of Glyphosate in Distilled Water.....N/A
 Camilo Mendivelso, John J. Pantoja (Universidad Nacional De Colombia)

- 15:00 15:20 A Wide-input Tange High-accuracy Current Mirror.......595 Peng Yong-Da, Chen YuHui, Li Jie-Ying, Xie Hai-Qing, Fan Zhi-Qing (CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SP1C Multifunctional Antenna Design and Application Session Chairs: Mingchun Tang and Qingsheng Zeng

- 13:30 14:00 Design of an HMSIW Cavity-Backed Self-Diplexing Slot Antenna (invited).....N/A
 Ke Gong, Bing JieDeng, Peng Wang, Hua Zhao, Xue HuiHu, Tian GeChen (Xinyang Normal University)
- 14:00 14:30 High-Scanning-Rate Leaky-Wave Antennas for Real-Time Electromagnetic Imaging (invited).....N/A Qingfeng Zhang (Southern University of Science and Technology)

- 15:10 15:30 Investigation on Range Sidelobe Modulation Effect of Co-designed Radar-Communications Shared Waveforms......601 Xin Zhang, Xiangrong Wang (Beihang University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SP1D

Advances in Array Signal Pr ocessing and Radar Signal Pr ocessing Session Chairs: Xianpeng Wang, Fangqing Wen and Liangtian Wan

- 13:30 14:00 Off-grid DOA Estimation for Colocated MIMO Radar via Sparse Bayesian Learning (invited).......603 Chenxing Mao, Fangqing Wen (Yangtze University)
- 14:00 14:30 Cooperative LPI Performance Optimization for Multistatic Radar System: A Stackelberg Game (invited)......605
 Chenguang Shi, Wei Qiu, Fei Wang, Sana Salous, Jianjiang Zhou (Nanjing University of Aeronautics and Astronautics (NUAA))
- 14:30 14:50 Effectiveness Assessment of Phased Array Early Warning Radar.....N/A XIA Dong, ZHANG Kaixuan, QIAN Guanghong (Naval Aeronautical University)
- 14:50 15:10 Robust Virtual Array Transformation Beamforming Approach Against Jammer Motion.......607
 Yu Zhao, Yi Zhou, Yuqin Yang, Yike Hao (Chongqing University of Posts and Telecommunications)
- 15:10 15:30 A compact high gain multiband bow-tie slot antenna.........609 Zaheer Ahmed Dayo, Qunsheng Cao, YI Wang, Permanand Soothar (Nanjing University of Aeronautics & Astronautics (NUAA))

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SP1E EM modeling and design of antenna and package Session Chairs: Min Tang and Shunchuan Yang

- 13:30 14:00 A Novel Single Source Surface Integral Equation for Electromagnetic Analysis by Multilayer Embedded Objects (invited).......611
 Xiaochao Zhou, Zekun Zhu, Shunchuan Yang, Donglin Su (Beihang University)
- 14:00 14:20 An Efficient Electromagnetics Measurement of 3D Bistatic Scattering Problem at Oblique Incident.........613
 Wei FeiMing, Guo LiangShuai (Shanghai Jiaotong University)
- 14:20 14:40 Improvement on Phase Shift Precision for Transmit Module of X-Band.......615 Lirong Qin, Bo Yao (CETC 38)
- 14:40 15:00 Electromagnetic Characteristic Analysis of the Antenna with Different Polarization and Phase Excitation for Reverberation Chamber...........617 Zhongmiao Wang, Haoran Zhu, Zhibao Li, Shanliang Qiu, Zhixiang Huang, Xianliang WU (Anhui University)
- 15:00 15:20 Numerical Dispersion Reduction Scheme for Arbitrary Order FDTD Method.......619
 Guangzhi Chen, Shunchuan Yang, Shuo Cui, Donglin Su (Beihang University)

Room A (1st floor, First Lecture Hall of Academic Exchange Center)

ORAL Session: SP2A

Electr omagnetic Imaging Method and Its New Applications Session Chairs: Xiuzhu Ye, Kuiwen Xu and Xudong Chen

- 15:30 16:00 Supervised Descent Method using Neural Networks for 2D Electrical Impedance Tomography (invited)............621
 Zhichao Lin, Rui Guo, Ke Zhang, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar (Tsinghua University)
- 16:00 16:30 Phase-frequency Characteristics of Electromagnetic Wave in a Magnetized Inhomogeneous Plasma (invited)...........623
 Kuan Yu, Lixin Guo, Linjing Guo, Jiangting Li, Xi Luo (Xidian University)
- 16:30 16:50 3D Printed Horn Antenna with Ceramic Implant for Microwave Breast Imaging........625
 Ji Wu, Rui Wu, Xiaofeng Zhang, Fan Yang, Huihai Wang, Zhenhua Hu, Lin Sun (Shenzhen ET Medical Technology Co. Ltd.)
- 16:50 17:10 Deep Learning Inversion Using New Initialization Method for Inverse Scattering Problems......N/A Tiantian Yin, Zhun Wei, Xudong Chen (National University of Singapore)
- 17:10 17:30 Antipodal Vivaldi Antenna Designed for Microwave Imaging System...........627
 Yunpeng Lu, Chengran Fang, XIUZHU YE (Beihang University)

Room B (1st floor, Second Lecture Hall of Academic Exchange Center)

ORAL Session: SP2B

Circuits and Devices for Micr owave, RF, Millimeter, and THz W ave Session Chairs: Chi Yung Yam and Hui Zeng

- 15:30 15:50 Compact Dual-band Branch-Line Coupler with Short-ended Stubs............629
 Xiwen Duan, Wenjie Feng, Wenquan Che (Nanjing University of Science and Technology)
- 15:50 16:10 Wideband Filtering Balun Power Divider Using Schiffman Phase Shifter........631 Miao Yuan, Wenjie Feng, Wenquan Che (Nanjing University of Science and Technology)
- 16:10 16:30 A Design of S-band microstrip filter based on discharge protection...........633
 Xiaoying Zhong, Dongdong Wang, Ding-e Weng, Shengquan Zheng (China Ship Development and Design Center)
- 16:30 16:50 An Expand Polypropylene Based High-performance Electromagnetic Wave Absorber........635
 Digang Fan, Ruixin Wu, Yimin Hu, Xintao Li (Nanjing University)
- 16:50 17:10 Frequency Scanning Antenna Based on Spoof Surface Plasmon Polaritons........637 Qi Zhou, Jinbo Liu, Zengrui Li (Communication University of China)

Room C (1st floor, Third Lecture Hall of Academic Exchange Center)

ORAL Session: SP2C Wave Pr opagation Modeling

Session Chairs: Mingchun Tang and Qingsheng Zeng

- 15:30 15:50 An Exact Single Real Image Representation for Sommerfeld Integrals above an Impedance Interface..........639
 Biyi Wu, XIn-Qing Sheng (Beijing Institute of Technology)
- 15:50 16:10 Study on attenuation ratio of electromagnetic wave through a plasma under oblique incidence with SMM............641
 Wangchen Mao, Guanjun Xu, Jiahui Lai (East China Normal University)

Room D (3rd floor, Conference room 3 of Academic Exchange Center)

ORAL Session: SP2D

Advances in Array Signal Pr ocessing and Radar Signal Pr ocessing Session Chairs: Xianpeng Wang, Fangqing Wen and Liangtian Wan

- 15:30 15:50 Miniaturized Patch Antenna with Optimized Slot-Coupling Feed............647
 Weijian Pang, Zhiqiang Tong, Guosheng Yang, Xiaogang Llu, Hongquan Liu, Guangzhen Wang
 (Beijing aerospace Engineering Technology Research Center)
- 15:50 16:10 Robust low sidelobe beamforming algorithm based on convariance matrix reconstruction.........649
 Renhong Xie, Zeyu Sun, Liyan Wang, Chenguang Bian, Dan Zhao, Peng Li, Yibin Rui (Nanjing University of Science and Technology)

Room E (3rd floor, Conference room 4 of Academic Exchange Center)

ORAL Session: SP2E

Electr omagnetic Envir onments, Interfer ence, and Compatibility Electr omagnetic Sensing and Imaging, Inverse Scattering Electr omagnetics in Biology and Medicine

Session Chairs: Haoran Zhu, Zhixiang Huang

- 15:30 15:50 Test and Analysis of Electromagnetic Emission Characteristics of Electrified Railway to Airport GP......657
 Nan Lu, Feng Zhu, Tao Zhou (Southwest Jiaotong University)