Announcement

for

Best student paper awards

SC1: CEM, EMC, Scattering & EM Theory

1st, Jie Zhang, Conductor Modeling Based on Volume Integral Equations, Tongji University, China

2nd, Fadhil Mezghani, Computation of the Field Enhancement by Small Facet Angles of Metallic Nanoparticles: Adaptive Remeshing for Finite Element Method, University of Technology of Troyes, France

3rd. Thomas Grosges, Electromagnetic Heat-induced of Nanowire in Liquid:Computation of the Bubble Shape, Anis Chaari (University of Technology of Troyes), France

SC2: Metamaterials, Plasmonics and Complex Media

1st. Xue Jiang,
Design and Fabrication of Acoustic Rotator Based on Extremely-anisotropic Metamaterials,
Nanjing University, China

2nd. Bai Cao Pan,
Tunable Rejections of Metamaterial Filter Based on Spoof Surface Plasmon Polaritons,
Southeast University, China

3rd Nan Zhang,
A Planar Broadband Metamaterial Absorber with the Polarization Insensitive and Omnidirectional Absorption in the Min-infrared Regime,
University of Electronic Science and Technology of China, China

SC3: Optics and Photonics

1st. Jing Liu,
Sub-5 nm Lanthanide Doped ZrO2 Upconversion Nanoparticle for Protein Targeted Biomaging,
South China Normal University, China

2nd. Yingchen Wu,
All-optical Wavelength Conversion Using Optical Injection Induced Wavelength Switching in V-cavity Laser,
Zhejiang University, China

3rd. Qiangsheng Huang, Ultracompact Adiabatic Tapered Coupler for the Si/III-V Heterogeneous Integration, Zhejiang University, China

SC4: Antennas and Microwave Technologies

1st. Christos I. Kolitsidas,
Edge Effects in a Strongly Coupled Dipole Element Array in Triangular Lattice,
KTH Royal Institute of Technology, Sweden

2nd. Zi Long Ma,
The Multiple Periodic Structure Antenna Design,
The University of Hong Kong, China

3rd. Cheng Yang,
A Novel Parallel Double Helix Loop Resonator for Magnetic Coupled Resonance Wireless Power Transfer,
Chubu University, Japan

SC5: Remote Sensing, Inverse Problems, Imaging, Radar and Sensing

1st. Yu Liang,
Research of Composite Electromagnetic Scattering from Targets and Rough Surface Basing on the Efficient Numerical Algorithm,
Yangzhou University, China

2nd. Peter Kazimir,
Localization of Motionless Persons in 3D Space by UWB Radar,
Technical University of Kosice, Slovakia

3rd. Qilun Yang,
FPGA-based Real-time Generator of Combination Chaotic Frequency-modulated Signal for Noise Radar,
University of Chinese Academy of Sciences, China