



**Agenda Day 1
Tuesday, January 5, 2021**

Time	Title	Speaker
0800-0830	Zoom Login	
0830-0900	Gain-Free Routes to Parity-Time Symmetry and Non-Hermitian Physics	Andrea Alu CUNY
0900-0930	Empirical Bayesian Inference using Joint Sparsity	Anne Gelb Dartmouth College
0930-1000	Space-Time Adaptive Detection at Low Sample Support	Benjamin Robinson AFRL/RV
1000-1030	BREAK	
1030-1100	Approximate Landau-Lifshitz Solution for a Relativistic Electron in a Counterpropagating Laser Beam	Arthur Yaghjian S4, Inc
1100-1130	Nonlinear Absorption and Parametric Resonances for Optical Limiting	Alessandro Salandrino University of Kansas
1130-1300	LUNCH	
1300-1330	Non-Uniform Loaded-Wire Gratings that Radiate Preselected Plane Waves	Thorkild Hansen S4, Inc
1330-1400	Incoherent Background Suppression in Intensity Imaging	Elizabeth Bleszynski Monopole Research
1400-1430	Light Propagation in Photonic Structures with Phase-Change Components	Ilya Vitebskiy AFRL/RV
1430	ADJOURN FOR THE DAY	



Agenda Day 2
Wednesday, January 6, 2021

Time	Title	Speaker
0800-0830	Zoom Login	
0830-0900	Novel Techniques for Signal Analysis and Processing	Stephen Casey American University
0900-0930	Power Exchange and Onset of Energy Equipartition among Surface and Body Waves	Liliana Borcea University of Michigan
0930-1000	A Mathematical Perspective on Radar Interferometry	Semyon Tsynkov NCSU
1000-1030	BREAK	
1030-1100	Optimal Design of Spectral Methods for Phase Retrieval via Bregman Divergence	Birsan Yazici RPI
1100-1130	"Interpolated Factored Green Function" Method for Accelerated Solution of Scattering Problems	Oscar Bruno CalTech
1130-1300	LUNCH	
1300-1330	Tracking Signal Subspaces in Multistatic Radar Systems	Doug Cochran Arizona State University
1330-1400	Propagation and Scintillation of Wave Beams in Turbulent Media	Knut Solna UC/Irvine
1400-1430	BREAK	
1430-1500	Sensors in Dynamic Environments	Nathan Kutz University of Washington
1500-1530	Passive Source Localization	Margaret Cheney Colorado State University
1530	ADJOURN FOR THE DAY	



Agenda Day 3
Thursday, January 7, 2021

Time	Title	Speaker
0800-0830	Registration	
0830-0900	Detecting Faults at Interfaces and in Thin Inhomogeneities	Fioralba Cakoni Rutgers Univ
0900-0930	Microwave Absorption by Magnetic Particles in a Dielectric Medium	Eugene Chudnovsky Lehman College
0930-1000	Geometric Invariants for Radar Motion Estimation	Matthew Ferrara Matrix Research
1000-1030	BREAK	
1030-1100	Exceptional Points and Unidirectional Waves on Electromagnetic Metasurfaces	Francesco Monticone Cornell
1100-1130	Empirical Watershed Wavelets, Construction and Applications	Jerome Gilles San Diego State University
1130-1300	LUNCH	
1300-1330	High-Fidelity Vector Wave Propagator for Simulation of Optical Field Interaction with Compressible Flows	Austin McDaniel AFRL/RD
1330-1400	Simulation and Optimization of Nanophotonic Devices using Integral Equation Methods	Constatine Sideris USC
1400-1430	Topological Metasurfaces	Daniel Sievenpiper UCSD
1430	MEETING ADJOURNED	