

# Review of MURI PT-Symmetric Optical Materials and Structures

Dr. Arje Nachman | February 15, 2017 | Arlington, VA

Basic Research Innovation and Collaboration Center (BRICC)  
4075 Wilson Blvd., Suite 350 | Liberty Room  
Arlington, VA 22203

## Agenda

Time	Title	Speaker
	<b>Registration</b>	
<b>0900-0915</b>	<b>Welcome/Introduction</b>	Dr. Arje Nachman, Air Force Office of Scientific Research
<b>0915-0945</b>	MURI Project Overview: Wave dynamics in PT-Symmetric Optical Structures	Demetrios Christodoulides, CREOL, University of Central Florida
<b>0945-1015</b>	Exploiting non-Hermitian Photonics in Optical Detection and Imaging	Ayman Abouraddy, CREOL, University of Central Florida
<b>1015-1045</b>	Theory of Chaotic and Disordered Coherent Perfect Absorbing Cavities	Tsampikos Kottos, Wesleyan University
<b>1045-1100</b>	<b>BREAK</b>	
<b>1100-1130</b>	QD-polymer Composites Films and Organized Optical Cavity Arrays with High Emission, Gain, and Stability	Vladimir Tsukruk, Georgia Tech
<b>1130-1200</b>	Rational Design and Synthesis of Semiconducting Nanocrystals and Perovskite Nanomaterials with High Gain for PT Structures and Devices	Zhiqun Lin, Georgia Tech
<b>1200-1210</b>	<b>BREAK</b>	
<b>1210-1240</b>	Polymeric Systems for Photonic and Acoustic asymmetric Transmission	Ned Thomas, Rice University
<b>1240-1310</b>	Manifestation of PT Symmetry in Optical and Magnetic Structures	Valy Vardeny University of Utah
	<b>LUNCH</b>	
	<b>MEETING ADJOURN</b>	