

Call for Papers

2016 International Workshop on Antenna Technology:
 Small Antennas, Innovative Structures, and Applications
www.iwat2016.org

	<p>February 29 - March 2, 2016 Hilton Cocoa Beach Oceanfront, FL, U.S.A.</p> 	
<p>General Chair Xun Gong <i>U. of Central Florida</i></p> <p>General Vice Chair Parveen Wahid <i>U. of Central Florida</i></p> <p>International Advisory Committee Chairs Raj Mitra <i>U. of Central Florida</i></p> <p>Zhi Ning Chen <i>National Univ. of Singapore</i></p> <p>Technical Program Committee Chair Gokhan Mumcu <i>U. of South Florida</i></p> <p>Guoan Wang <i>U. of South Carolina</i></p> <p>Publications Chair Hualiang Zhang <i>U. of North Texas</i></p> <p>Finance Chair Heather Quinones <i>Masonite</i></p> <p>Local Arrangement Chair Brian Lail <i>Florida Institute Of Technology</i></p> <p>Exhibition / Sponsorship Chair Sean Ortiz <i>Harris Corporation</i></p>	<p>The International Workshop on Antenna Technology (iWAT) is an annual forum for the exchange of information on the research and development in innovative antenna technologies. It especially focuses on small antennas and applications of advanced and artificial materials to the antenna design. At iWAT, all the oral presentations are delivered by invited prominent researchers and professors. iWAT has a particular focus on posters by which authors have the opportunity to interact with leading researchers in their fields. iWAT2016 is a continuation of a series of annual international antenna workshops held in Singapore (2005), White Plains, USA (2006), Cambridge, UK (2007), Chiba, Japan (2008), Santa Monica, USA (2009), Lisbon, Portugal (2010), Hong Kong, PRC (2011), Tucson, USA (2012), Karlsruhe, Germany (2013), Sydney, Australia (2014), and Seoul, Republic of Korea (2015).</p> <p>The workshop is technically sponsored by <i>IEEE AP-S</i> and financially co-sponsored by University of Central Florida (UCF) and University of South Florida (USF).</p> <p>The topics of interest include but are not limited to the following:</p>	<p>Small Antennas</p> <ul style="list-style-type: none"> • Adaptive (smart) arrays • Antenna measurements • Antennas for 5G communication • Antennas on/in IC packages • Broadband antennas • Compact arrays • Conformal antennas • Embedded antennas • GPS antennas and arrays • Measurements for SAR of handheld devices • MEMS/nano technology for antennas • Millimeter-wave/terahertz antennas • Miniaturization of antennas • Modeling and simulations • Nano and optical antennas • Non-Foster/active elements • Reconfigurable antennas • Reflectarrays • Ultra-wideband (UWB) antennas • Wearable antennas <p>Innovative Structures</p> <ul style="list-style-type: none"> • Analysis and design of EM materials • Artificial magnetic conductors (AMC) • Electromagnetic anisotropy <ul style="list-style-type: none"> • Electromagnetic bandgap (EBG) • Fractal structures • Frequency selective surfaces (FSS) • Novel features of EM materials • Single and double negative metamaterials <p>Applications</p> <ul style="list-style-type: none"> • Automotive systems • Biomedical applications • Bluetooth/WLAN (PDAs, laptops) • Energy harvesting • GPS systems • Military applications • Millimeter-wave/terahertz communications and imaging • MIMO systems • Modelling and simulation • Radar systems • RFID/Sensors • Satellite communications • UWB communications • WBAN systems • Wireless communication systems (handheld devices, base stations) • Wireless power transfer • 5G communication systems
	<p>Important Dates</p> <p>Deadline of paper submission: October 12, 2015, Final Extension to Nov. 16, 2015 Notification of acceptance: December 14, 2015</p> <p>Paper Submission Guidelines</p> <p>Authors MUST submit camera-ready papers that are 2 to 4 pages including figures by November 16, 2015 via the workshop website. All papers must be formatted in two-column IEEE format including figures and electronic submissions must meet all IEEEExplore specifications. See the workshop website for templates and more information on creating acceptable electronic files.</p>	