The International Workshop on Antenna Technology (iWAT) is an annual forum for the exchange of information on the progress of research and development in innovative antenna technology. 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. iWAT is a series of annual international antenna workshops which has been held in Singapore (2005), White Plains, USA (2006), Cambridge, UK (2007), Chiba, Japan (2008), Santa Monica, USA (2009), Lisbon, Portugal (2010), Hong Kong, China (2011), Tucson, USA (2012), Karlsruhe, Germany (2013), Sydney, Australia (2014), South Korea (2015), Orlando, USA (2016), Athens, Greece (2017), Nanjing, China (2018), Miami, USA (2019).

Topics include, but will not be limited to:

**Small antennas**
- Adaptive (smart) arrays
- Antennas for 5G communications
- Antenna measurements
- Antennas on/in IC packages
- Body-Centric Antennas
- Broadband antennas
- Conformal antennas

**Innovative structures**
- Magnetic Nanoparticles, Graphene or Carbon nanotubes in Antennas
- Measurements for SAR of handheld devices
- MEMS/nano technology for antennas
- Millimeter-wave/Terahertz antennas
- Modeling and simulations
- Electromagnetic Skins: Epidermal, Flexible and Stretchable Antennas, Sensing Substrates
- Automotive systems
- Biomedical and Healthcare Applications
- Bluetooth/WLAN (PDAs, laptops)
- Energy harvesting
- Hyperthermia and RF Ablation
- Satellite navigation systems
- Medical Diagnostic and Therapeutic Applications.
- Millimeter-wave/terahertz communications and imaging
- MIMO systems
- Non-Foster/active elements
- On-chip antennas
- Reconfigurable antennas
- Reflectarrays
- Ultra-wideband (UWB) antennas
- Wearable antennas
- 3D printed antennas and structures

**Applications**
- WBAN systems
- Wireless communication systems (handheld devices, base stations)
- Wireless power transmission and harvesting for implanted systems
- 5G communication systems
- Simultaneous transmit and receive systems
- Antenna measurements

**RFID antennas and**
- Wireless Sensing systems
- Software-defined / cognitive radio
- Space applications and satellite communications
- UWB communications

**Call for Papers**

**IMPORTANT DATES**
- Deadline of paper submission: **October 4, 2019**

**EXTENDED DEADLINE:**
- November 3, 2019

**Paper submission guidelines:** Authors MUST submit camera-ready papers that are 2 to 4 pages including figures by November 3, 2019 via the workshop website [http://iwat2020.org](http://iwat2020.org).

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.

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