



CALL FOR PAPERS

ICTTADI 2019
Nov 04-05, 2019
Amsterdam, The Netherlands

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICTTADI 2019 : International Conference on Terahertz Technology and Adverse Weather Intelligence is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Terahertz Technology and Adverse Weather Intelligence. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Millimeter and thz radiometric and radar imagers and sensors
Concealed weapons and contraband detection
Stand-off millimetre wave threat warning systems
Handheld, portal and stand-off screening systems
Sensors using drones
Sensors for border protection
Biomedical imaging (micro-doppler and spectral breath analysis)
Enabling technology (mixers, detector, sources, filters, adcs)
Novel materials (stealth, chiral, left-handed)
Image and signal processing
Novel image reconstruction techniques
Resolution enhancement/super-resolution
Sensor fusion and multiple sensor systems

Modelling, simulation and phenomenology
Non-destructive testing for industry
Postal mail and package screening
Vehicle screening of stowaways
Driving/navigation on land and sea
Aircraft landing in poor/no-visibility and ground taxiing
Adverse weather intelligence, surveillance and reconnaissance imaging
Non-imaging military applications
Civil/commercial remote sensing
Thz tomography
Thz microscopes
Thz spectroscopy and signatures
Thz secure communications