



## 2018 IEEE International Conference On Imaging Systems and Techniques (IST' 2018)



October, 2018



Island of Santorini, Greece

Sponsored by IEEE Instrumentation and Measurement Society  
And TC-19 Technical Committee on Imaging Systems

In conjunction with the IEEE International School of Imaging (ISI)

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**High-quality papers will be published in high-impact factor SCI Journals  
Special Issues following a peer-review process**

IEEE is the world's largest professional association, with nearly 500,000 members, dedicated to advancing technological innovation and excellence for the benefits of humanity. IEEE creates and promotes advancement of knowledge and world-changing technologies from computing and aerospace, to medical devices, healthcare, telemedicine, detectors and sensors, spectroscopy, tomography (MRI, ET, CT, SPECT, PET, OCT), ultrasound, lidars and ladars, remote sensing, image processing, artificial intelligence, pattern recognition, big data, machine learning, deep learning, autonomous navigation, bioinspired robotic vision, UAVs, communications, sustainable energy systems, solid-state devices, cybersecurity, Internet-of-the Things (IoT), nanotechnology, robotics, and more.

The IEEE International Conference on Imaging Systems and Techniques will take place jointly with the IEEE International School on Imaging (ISI) in the beautiful island of Santorini, Greece, in October, 2018. The objectives of the IEEE International School of Imaging (ISI) is to explore physical, engineering, molecular, biochemical and imaging principles, aimed to the advancement and generation of new knowledge related to the design, development, and applications of imaging and spectroscopy technologies, medical diagnostics, pharmaco-imaging, molecular and omics technologies, remote sensing, lidars and ladars, space instrumentation, semiconductor and material characterization.

Engineers, scientists and medical professionals from Industry, Government, Academia, and Healthcare who want to bridge technology and clinical disciplines in the multidisciplinary areas of imaging, spectroscopy and medical diagnostic device industry, are invited to attend the School and interact with major worldwide experts, aimed at advancing the science of imaging, the development of visualization technologies, to increase the understanding of pathophysiology and metabolism and measure therapeutic efficacy of drugs; remote sensing, space instrumentation, semiconductor and material inspection and characterization; exploring multifaceted design principles and new applications of imaging that would lead ultimately to novel devices and technologies, standards and metrology with unsurpassable image quality, scalability, reconfigurability, high throughput, and miniaturization capabilities.

**Location:**

The Greek island of Santorini located in the Aegean sea is one of the most beautiful islands and best travel destinations in the world. It has beaches with sapphire blue water and vibrant and splendid destinations such as the capital Fira and others like Oia, Kamari, Imerovigli etc. This picturesque island has all several exciting things to offer travelers and has been named one of the best travel destinations by *Travel & Living magazine* and *BBC*.

