



CALL FOR PAPERS

ICEAPT 2020
Sep 23-24, 2020
Vancouver, Canada

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.

ICEAPT 2020 : International Conference on Engineering Applications of Plasma Technology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Engineering Applications of Plasma Technology. 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:

Plasma technology: science, engineering and applications
Atmospheric non-equilibrium plasmas
e.g. DBD plasmas
High density pinch plasmas e.g. DPF, Z-Pinch plasmas
Laser induced plasmas
Inductively coupled plasmas (ICPs)
Glow discharge, arc discharge plasmas
Thermal plasmas and others plasma as source of
Radiation and high energy particles e.g. X-rays, gamma rays, electrons, ions, neutrons etc. Plasma diagnostics for radiation and energetic particle emissions
Optical emission spectroscopy
Mass spectroscopy
X-ray diagnostics
Laser assisted plasma spectrometry e.g. Shadowgraph, LIBS, LA-ICP-MS/OES

Diagnostics and monitoring of electrons, ions, neutrons emissions from various plasma sources
Plasma nanotechnology
Surface modifications i.e. cleaning and treatment
Plasma coating i.e. optical coatings, smart coatings for sensors
Nano films i.e. Thin/ultra-thin/multilayer/nanocomposite films and nanostructures
Synthesis of CNTs, graphene, polymers, nano powders
Energy harvesting i.e. Solar cells, fuel cells, supercapacitors
Environmental applications e.g. Waste material treatment and sterilization
Security applications e.g. Plasma based neutron and x-ray sources for homeland security
Plasma focus devices
Plasma based radiation sources for lithography and imaging
Plasma cutting and other areas of plasma research and applications

