



CALL FOR PAPERS

ICPTSEA 2021
May 27-28, 2021
Tokyo, Japan

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.

ICPTSEA 2021 : International Conference on Plasma Technology: Science, Engineering and Applications is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Plasma Technology: Science, Engineering and Applications. 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
Applications
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/nanocomp
osite 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

