International Conference

on

"Advances in Applied Sciences, Engineering and Technology"

AASET- 2017

August 17-18, 2017

CALL FOR PAPERS

AASET-2017 is the premier forum for the presentation of new advances and research in the fields of Fundamental Sciences, Applied Sciences and Engineering. Original Technical papers related to the given topics are invited for the presentation at the conference. The Paper should not exceed 6 pages. Authors are requested to strictly adhere to the specified format

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Topics of interest for paper submission include

MATHEMATICS

Algebra, Calculus and analysis, Geometry and topology, Combinatorics, Logic, Number theory, Dynamical systems and differential equations, Computing Probability and statistics, Game theory, Operations research and other related fields.

CHEMISTRY

Main group inorganic chemistry, bio-inorganic chemistry, transition metal complexes, electroanalytical chemistry, silicate materials, surface chemistry, natural materials, chemical kinetics, nuclear chemistry, photochemistry, coordination chemistry, nanomaterials, Polymer composites, chemical sensors, biosensors, organometallic chemistry, solid state chemistry, synthetic organic chemistry, bio-materials, green chemistry, medicinal chemistry, theoretical chemistry and other related fields.

PHYSICS

Molecular and nanophysics, Plasma physics, Polymers and composites, Condensed matter physics, Computational physics Thermal physics, Quantum mechanics, Statistical mechanics, Quantum optics, Non-linear optics, Spectroscopy, Optical communication and information science, Physical electronics, Optoelectronics, Microelectronics, Radio physics, Vacuum electronics (electron physics), Semiconductor physics, Solid-state physics, Low temperature physics, High pressure and high temperature physics, Thermal and kinetic theory, Atomic and molecular physics, Nuclear physics, High energy physics, Geophysics, Astrophysics, Biophysics, Chemical physics, Materials physics, Surface physics and other related fields.

CSE & IT

Artificial Intelligence, Big Data, Computational & Synthetic Biology, Computer Architecture, Computer Graphics, Vision, Animation, and Game Science, Computing for Development, Data Management, Human Computer Interaction, Machine Learning, Natural Language Processing, Programming Languages and Software Engineering, Robotics, Security and Privacy, Systems and Networking, Theory of Computation, Ubiquitous Computing, Wireless and Sensor Systems and other related fields.

EEE AND ECE

Automatic Control, Biomedical Imaging and Sensing, Communications, Networking, Signal & Image Processing, Power and Energy Systems, Fields and Optics, Microelectronics and Nanotechnology, VLSI and Circuit Design, Control Systems, Electromagnetic, Electronic Materials and Devices, Optical Materials and Devices, Remote Sensing and Space Systems, Signal and Image Processing and other related fields.

MECHANICAL, CIVIL AND ENVIRONMENTAL ENGINEERING

Mechanics, Design, Manufacturing, & Product Development, Controls, Instrumentation, & Robotics, Wooden materials in buildings, Improved altitude determination with GPS and altimetry, Numerical soil modeling, dimensioning of constructions, Landslide and avalanche danger evaluation, tripping and prevention, Flux forced movements of slender constructions, Arctic constructions, Tunnel construction, complete contour drilling, rock blasting, Project management, Driver support systems / traffic behavior, simulation and real-time analysis, Road construction materials, asphalt paving and recycling and other related fields.