



## Track: Physical Life and Applied Sciences

### Introduction to the Track

This track invites both theoretical and applied research papers discussing topics relevant to the concepts related to Physical Life and Applied Sciences. Its overall purpose is to provide a dedicated venue for such research to be shared and discussed, and thus to highlight the breadth and depth of efforts to improve the efficiency and effectiveness of this area of research. In honor of this year's conference theme, submissions which consider opportunities to improve decision making by and for a diverse set of stakeholders are particularly welcomed.

### Track Topics:

**Broadly, the main areas of inquiry include the following Multidisciplinary areas but not limited to:**

Agriculture, Agronomy , Anatomy , Applied computing, Architecture, Bio-engineering, Bio-medical engineering, Food science, Forestry, Gastroenterology, GIS, Horticulture, Hydroponics, Materials engineering, Mechanical engineering, Medicine, Military sciences, Neurology, Operations, Ophthalmology, Pathology, Pediatrics, Polymer engineering, Psychiatry, Radiology, Remote sensing, Spatial science , Urology, Aquaculture, Archaeology, Astronomy, Bio diversity, Earth Sciences, Chemistry, Biology, Ecology, Environment, Genetics, Meteorology, Oceanography, Physics, Soil, Waste Management, Water, Marine Sciences, Algebra , Algorithms, Analysis , Mathematics, Statistics, Artificial intelligence, Category theory, Chaos theory, Complex analysis, Computational statistics, Computer architecture, Computer graphics, Computer sciences, Computer security, Computer vision, Control theory, Data analysis, Databases, Data mining, Data structures, Design of experiments, Differential equations, Distributed computing, Dynamical systems, Expert systems, Functional analysis, Game theory, Geometry, Graph theory, Grid computing, Group theory , Human-computer interaction, Information retrieval, Internet, Linear programming, Machine learning, Mathematical statistics, Mathematics, Multilinear algebra, Multimedia , Networks, Number theory, Numerical analysis, Operating systems, Operations research, Parallel computing, Probability theory, Programming languages, Quantum computing, Real analysis, Reliability theory, Sample survey, Set theory, Social statistics, Software engineering, Spatial statistics, Statistical theory, Statistics, Systems analysis, Systems science, Systems theory, Theory of computation, Trigonometry, Wireless computing, Browse by Science Interdisciplinary Sciences, Biocybernetics, Bioinformatics, Cognitive science , Computational biology, Computational chemistry, Computational physics, Cryptography, Cybernetics, Energy systems, Engineering cybernetics, Ergonomics Humanities, Industrial relations, Information science, Information theory, Knowledge management, Management cybernetics, Materials science, Medical cybernetics, Nanotechnology, Neuroscience , Sustainability, Acoustics, Astrobiology, Astrochemistry, Astronomy, Astrophysics, Biochemistry, Biology, Biophysics, Botany, Cartography, Cell biology, Chemical physics, Chrono biology, Climatology Conservation biology, Cosmology, Cryobiology, Development biology, Earth sciences, Ecology, Entomology, Environmental chemistry, Environmental geology, Environmental sciences, Epidemiology, Evolution, Genetics Geochemistry, Geology, Geomorphology, Geophysics, Geostatistics, Helminthology, Herpetology, Histology, Hydrology, Inorganic chemistry, Integrative biology, Life sciences, Limnology, Malacology, Meteorology, Microbiology, Molecular biology, Morphology, Mycology, Nematology, Neurobiology, Nuclear chemistry, Nuclear physics, Oceanography, Optics, Organic chemistry, Ornithology, Paleontology, Parasitology, Pathobiology, Petrology, Pharmacology, Photochemistry, Physical cosmology, Physics , Planetary geology, Planetary science, Population biology, Quantum physics, Soil science, Topography, Toxicology, Volcanology, Zoology, Veterinary Science.