

# **International Conference: Mathematical and Computational Frameworks for Iso-, Geno-, and Nano-Sciences. In Honour of Prof. Ruggero Santilli on the Occasion of his 90th Birthday.**

**Thursday, December 18, 2025 - Sunday, December 21, 2025**

## **Scientific Program**

Specialized Differential Forms and their applications in Computer Science (Artificial Intelligence), Mechanical Engineering (Fluid Dynamics and Mechanics of Materials), Cosmology (Einstein Field equations), and many other applications.

Mathematics and its application in physics, chemistry, engineering, biology, medicine, sociology, superconductivity, and cosmology.

Mathematics and its application in social phenomena, politics, and management.

Mathematics and its application in arts, music, and paintings.

Fractional Calculus, Fractals and Applications.

Iso-, geno-, hyper-, isodual-numbers and Hadronic mechanics/chemistry: An extended quantum mechanics/chemistry framework.

Novel Mathematics and Numerical Algorithms for New Science, Technology, Sociology, Arts, Music, and Sustainability.

Mathematical and Resource Optimization.

Mathematical Data Science.