



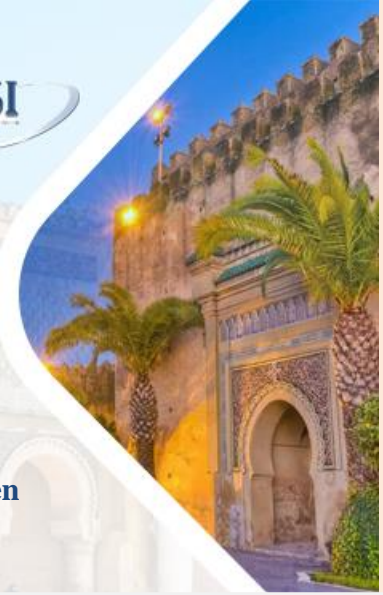
The First International school on Fractional Calculus and Systems Theory



12-14 December 2024

Faculty of Sciences, Moulay Ismail University,
Meknes - Morocco

<https://sisfca24.sciencesconf.org/?lang=en>



In the memory of the late professor **Ali Boutoulout**



Aims and Scope:

This school is a very interesting opportunity and a great openness to the field of fractional calculus and to fractional systems in general. Courses of high scientific quality will be presented by international specialists. It is also an event that will make it possible to present the analysis and control of systems from a new perspective as well as to demonstrate the impact of fractional calculus on the study of the various disciplines of systems theory. It is also an opportunity for researchers to meet each other and also between future researchers and specialists, which will be a ray of energy and encouragement for students and PhD students in order to access the world of research with all trust.

This school will be an international forum between researchers from different countries on an international scale which could be a birth of different collaborations between our university and the different participating universities.

This international event will also be an opportunity to discover Meknès and its various historical monuments as the Ismaili capital and that by planning an excursion for the various participants, it is also an opportunity for discussions between the participating researchers.

Speakers



Ali AKGÜL
Siirt University,
Turkey



Karam Allali
Hassan 2 University
Casablanca,
Morocco



Dumitru Baleanu
Institute of Space
Sciences,
Bucharest,
Roumania



Lahcen Maniar,
Quadi Ayad
University-
Marrakech,
Morocco



Delfim Torres
University of
Aveiro,
Portugal

After each course participants will have the opportunity to present oral communications related to their research. Submissions are encouraged on a wide range of topics, including but not limited to:

- Fractional differential equations and their applications
- Fractional calculus in control theory and systems
- Numerical methods for fractional calculus
- Applications of fractional calculus in physics, engineering, and biology
- Fractional modeling in finance and economics
- Signal processing and fractional calculus
- Recent advances in fractal-fractional systems
- Stability analysis in fractional-order systems
- Fractional calculus in control theory and optimization
- Control theory and fractional-order controllers
- Fractional calculus in machine learning and data science



These oral presentations will allow participants to showcase their research, discuss innovative ideas, and engage with leading experts and peers in the field.

Contact: f.elalaoui@umi.ac.ma & z.hammouch@umi.ac.ma

Participation fees: RIB FSM: 31048010100247020631p0170

