## **Special Issue**

### Modeling and Control of Dynamical Systems with Nonlocal Operators

### Message from the Guest Editor

This Special Issue focuses on recent advances in modeling and control theory of dynamical systems with nonlocal operators. Topics of interest for the Special Issue include but are not limited to:

- Time-delay systems;
- Control theory for continuum systems;
- Fractional-order systems;
- Fractals and chaos;
- Volttera integrodifferential systems;
- Stochastic systems;
- Diffusion and random walk processes;
- Non-Markov processes;
- Computational methods for nonlocal operators.

#### **Guest Editor**

Dr. Arman Dabiri

Department of Mechanical and Mechatronics Engineering School of Engineering Southern Illinois University Edwardsville Edwardsville, IL 62026-1805, USA

### Deadline for manuscript submissions

closed (30 September 2021)



## Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/35105

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/ applsci





# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



<u>applsci</u>



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

### **Author Benefits**

### **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)