# Special Issue

## Nonlinear Dynamics of Micro- and Nanosystems

### Message from the Guest Editors

The development of nano/microelectromechanical systems (NEMS/MEMS) is ever accelerating. To date, many nonlinear phenomena at micro- and nanoscale (e.g., strong coupling, multistability, internal and parametric resonances) still require more comprehensive investigation since their impact on microsystems has yet to be revealed. This Special Issue aims to collect papers having the common feature of involved nonlinear aspects and intricate phenomena in micro- and nanosystems. Major interest for this Special Issue is on contributions with methodological approaches, modelling, as well as theoretical and experimental analyses investigating signatures of nonlinear phenomena. This Special Issue collects innovative research and the recent advances of the most relevant knowledge on the topic, enhancing micro- and nanostructures to exceptional characteristics.

### Guest Editors

Dr. Pierpaolo Belardinelli
Dr. Valentina Zega
Dr. Martial Defoort

### Deadline for manuscript submissions

closed (9 September 2022)

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## 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

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