

## Special Issue

# Kinetics and Modeling of Molecular Reactions

### Message from the Guest Editors

Chemical reactions play a central role in many processes, ranging from daily life simple processes and atmospheric chemistry to complex ultrafast photoinduced reactions, being of major relevance in technology-driven actions and playing a core role in many biological systems. The molecular interpretation and experimental apparatus still pose many challenges, such as the use of quantum mechanics when going beyond three atoms, how very short-lived transients and photoproducts can be detected, or simply how to report to non-experts when used in other areas of expertise. This Special Issue aims to bring together transdisciplinary areas of knowledge that have in its core chemical reactions by modeling and interpreting molecular processes.

### Guest Editors

Dr. Pedro Jorge Caridade

Prof. Carlos Serpa

Prof. Sérgio Paulo Jorge Rodrigues

### Deadline for manuscript submissions

closed (31 January 2022)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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