



## Advances in Excited State Dynamics in Functional Materials

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Deadline for manuscript  
submissions:

**closed (25 February 2022)**

### Message from the Guest Editors

A broad range of functional electronic and biological materials are used across a variety of technological applications. Many of their unique electronic and vibrational properties arise from complex excited state processes. This Special Issue will investigate a variety of fundamental photoinduced dynamical phenomena common across a broad range of apparently different nanomaterials and biosystems. These include size- and time-dependent electronic interactions, energy transfer phenomena, excited state dynamics, quantum confinement, polaron and exciton-polariton dynamics, carrier generation and transport. Our focus will emphasize the complementary roles of modeling and experimentation and will highlight the similarity of electronic and vibrational dynamical phenomena rather than the specific systems, allowing connections to be drawn across different areas.

Submissions of original research articles, short communications, and review articles are most welcome.





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## Editor-in-Chief

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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.

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