

## Special Issue

# Low-Temperature Plasma and Its Applications

### Message from the Guest Editor

Low-temperature plasmas have attracted significant attention in the past several decades due to several urgent applications, such as surface modification/functionalization of polymers, the synthesis of nanomaterials, plasma medicine, nitrogen fixation, and, most recently, application of killing COVID-19. This Special Issue is devoted to low-temperature plasmas and their applications, including low-temperature plasma sources, physics of low-temperature plasma, low-temperature plasma chemistry, low-temperature plasma diagnostic, simulation of low-temperature plasma, and applications of low-temperature plasma. In any case, the authors should demonstrate that low-temperature plasma is predominant in their works, and their research should be directed towards the implementation of new ideas. We welcome submissions exploring cutting-edge research and recent advances in the fields of low-temperature plasmas and their applications. Both theoretical and experimental studies are welcome, as well as comprehensive review papers. Submit to Special Issue: [www.mdpi.com/journal/applsci/special\\_issues/low\\_temperature\\_plasma\\_application](http://www.mdpi.com/journal/applsci/special_issues/low_temperature_plasma_application)

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 June 2022)



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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