# Special Issue

# Attosecond Science and Technology: Principles and Applications

## Message from the Guest Editors

Since the first demonstration of attosecond pulses in 2001, the field of attosecond has grown exponentially. Impressive progress in laser technology and the introduction of novel experimental techniques have opened the way to the investigation and control of ultrafast electron dynamics in atoms, molecule, and solids.This Special Issue aims to analyze recent advances in “Attosecond Science and Technology”. Topics of interest include, but are not limited to the following areas: (1) Advanced laser technology for attosecond science;(2) High-order harmonic generation in gases and solids; (3) Attosecond pulse generation and characterization; (4) Attosecond measurement; (5) Ultrafast phenomena on attosecond; few-femtosecond timescales in atoms, molecules, nanostructures and condensed phase; (6) New sources of ultrafast XUV and X-rays. ;

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## Deadline for manuscript submissions

closed (30 April 2019)


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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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