Special Issue

Coherent Interactions between Electrons and Light

Message from the Guest Editor

In the past few years the research area involving the intricate interplay between light and free electrons has developed into an exciting new field: free electron quantum optics. Harnessing the weak interaction between free electrons and light requires either very strong electromagnetic fields or the close vicinity of nanostructures, which has only become possible with recent developments in laser and electron beam technology. The burgeoning field of free electron quantum optics has already generated many fundamental insights and important applications. The latest developments in this exciting new field will be shared in this special issue. We invite researchers and investigators to contribute their original research or review articles to this special issue.

Guest Editor

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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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