

Special Issue

Advances in Magnetism and Magnetic Materials, Spintronics, and Optoelectronics

Message from the Guest Editor

The goal of spintronics and optoelectronics is to study the control, transport, and manipulation of spin and light. Although spin and light play fundamental roles in explaining the multiplicity of atomic spectra, these are undoubtedly not the most important roles of these two entities. In the mid-20th century, it was observed that spin and light play fundamental roles in magnetism. Every theoretical model postulated that the physical origin of magnetism involves spin in one way or another. On the other hand, light has been used to explore various types of spin-optotronic phenomena. In this context, we invite the scientific community to publish their works in this Special Issue.

Guest Editor

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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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