

Special Issue

Features of Ferroic Double Perovskites and Their Composites

Message from the Guest Editor

This Special Issue is mainly focused on coupling between magnetic and electric subsystems ordering. Ferroic materials attract much attention due to application demands. Many classical perovskites, ABO_3 , exhibit either ferroelectric or ferromagnetic properties. Double perovskites, $AB'B''O_6$, also provide either magnetic ordering or electric ordering features. However, there is a lack of one-phase multiferroics; hence, the design and modelling of ceramic and crystal composites is an open field.

Moreover, doping with suitable ions might additionally modify or induce demanded effects. Purposeful doping and those from technological processing are matter of interest. The studies of such structural features can be conducted using X-ray diffraction, electron microscopy tests, dielectric spectroscopy, optical spectroscopy, etc.

Finally, the determination of specific features of the double perovskites and their composites, with interesting new functionalities to provide prospects for applications is another encouraged topic. Authors are invited to submit research articles relevant to the topic addressed by this Special Issue.

Guest Editor

Prof. Dr. Andrzej Molak

Institute of Physics, University of Silesia, ul. 75 Pułku Piechoty 1, PL-40-500 Chorzów, Poland

Deadline for manuscript submissions

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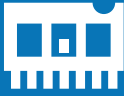


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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronicmat@mdpi.com

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Editor-in-Chief

Prof. Dr. Wojciech Pisula

1. Max Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany
2. Department of Molecular Physics, Faculty of Chemistry, Lodz University of Technology, Zeromskiego 116, 90-924 Lodz, Poland

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