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Multiferroic and Magnetoelectric Materials: Fundamentals and Applications

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Message from the Guest Editors

We live in an era of rapid and strong impact advances in science and technology, where scientific and innovation areas are increasingly overlapping in new and exciting ways, for the benefit of society. Recent technological advances point towards the development of sustainable, wireless, and interconnected autonomous smarter devices, systems, and cities, which are strongly based on the development of smart and multifunctional materials.

In this way, developing new smart and multifunctional materials and exploring their applicability has been the focus of an increasing number of areas, such as in the fields of materials, sensors, actuators, and biomedical applications, among others. Smart and multifunctional materials are benefitting from of this understanding and control of their physico-chemical properties, leading to a suitable tailoring of processability and device integration, shape/morphology, and performance.

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Prof. Senentxu Lanceros-Mendez
Dr. Pedro Martins
Guest Editors

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