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Magnetocaloric and Thermoelectric Properties of Inorganic Materials

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Deadline for manuscript submissions:
closed (20 August 2022)

Message from the Guest Editor

Materials for energy conversion and transfer are currently very important for environmental reasons. Magnetocaloric materials can give us better cooling efficiencies than traditional refrigerators. Thermoelectric materials can help us to recover heat that would otherwise be lost. There are also many niche applications of magnetocaloric and thermoelectric effects in areas like cryogenic refrigeration, sensors, small-scale refrigeration, and many others. Therefore, experimental and theoretical research in this field has been growing almost exponentially in recent years, with almost 6000 papers devoted to thermoelectric properties in 2018 alone. This Special Issue is devoted to both magnetocaloric and thermoelectric materials, and experimental as well as theoretical studies are welcomed.

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Message from the Editor-in-Chief

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Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

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