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Recent Advances in Thermoelectric Materials

Guest Editor:

Prof. Dr. Andres Sotelo

Instituto de Ciencia de Materiales de Aragón (CSIC-Universidad de Zaragoza), Made Luna 3, 50018 Zaragoza, Spain

Deadline for manuscript submissions:

closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

Thermoelectric materials play an important roles in many technologies, especially in green energy production. Most thermoelectric commercial devices usual costs, scarcity, and limited working temperatures, drastically limit their application. Consequently, the search for new and more efficient thermoelectric materials has been one of the most dynamic fields in the recent years. Not only alloys or inorganic compounds, organic and composite materials also can be considered. This Special Issue will focus in recent advances in thermoelectric materials and their integration in thermoelectric modules. Potential topics of interest include, but not limited to:

- Bulk and nanostructured materials
- Thin films;
- Intermetallics
- Chalcogenides; Oxides; Silicides
- Organic materials and polymers
- Composites and nanocomposites
- Novel processing methods
- Integration of new materials into modules
- Advances in modules design

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, short communications, and reviews are all welcome.

Guest Editor

Dr. Andrés Sotelo



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Special Issue



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1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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