



## Half-Heusler, Silicide and Zintl-type Thermoelectric Materials

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Thermoelectric generators are widely considered to become an important component of a sustainable energy future with many opportunities to harvest waste heat. These include stationary sources, such as in power plants and cement works, but also mobile applications including waste heat recovery from exhaust gasses in transportation. There has been an enormous improvement in thermoelectric materials performance over the past two to three decades and peak  $ZT > 1$  is now routinely possible.

The aim of this Special Issue is to bring together the latest trends in research on half-Heuslers, silicides and Zintl phases. This covers materials synthesis and characterization but also includes work on important materials issues, such as high-temperature stability, electrical and thermal contacting and the fabrication of modules exploiting these materials.

Dr. Jan-Willem Bos  
*Guest Editor*





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## Message from the Editor-in-Chief

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