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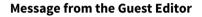
Metal Hydrides Hydrogen Storage, Thermal Management, and Applications

Guest Editor:

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Deadline for manuscript submissions: closed (17 August 2023)



Dear Colleagues,

I am pleased to invite submissions to this Special Issue of *Energies* on the subject area of "Metal Hydrides Hydrogen Storage, Thermal Management, and Applications". Metal hydrides have been regarded as a promising solution to hydrogen energy storage thanks to their low storage pressure and high volumetric capacity. At the same time, however, they require an effective method to manage the heat associated with the exothermic/endothermic reactions. In line with the rapid development of hydrogen energy systems, advances in metal hydride hydrogen storage technology are required.

The Special Issue will deal with advances in metal hydrides hydrogen storage, the cooling and heating of metal hydrides, and the utilization of waste heat (or cold). Topics of interest for publication include, but are not limited to, the following:

- Material development and characterization;
- Thermal conductivity of metal hydrides;
- Design of reactor vessels;
- Cooling and heating during hydrogen absorption and desorption;
- Use of waste heat

Prof. Dr. Sunwoo Kim Guest Editor









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Message from the Editor-in-Chief

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