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Applications, Optimization, and Comprehensive Characterization of Hydrogen Storage Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Hydrogen storage materials have long been a matter of interest toward the application of hydrogen as an energy vector. In particular, the compact size of hydrogen stores based on hydrides and the low pressures involved in this type of storage are an attractive selling point, especially regarding safety and in regions subject to stringent regulations regarding pressure vessels, such as Japan.

The field of hydrogen storage materials is a very diverse one, and therefore, many different types of materials can be considered for application in a variety of cases—solid (as in hydrides), liquid (such as LOHCs), and gaseous (for instance, NH_3).

I am writing to invite you to participate in a Special Issue of the journal *Materials* on “Applications, Optimization, and Comprehensive Characterization of Hydrogen Storage Materials”. This title has been selected to include both application- and characterization-oriented studies, since they complement each other. Full papers, communications, and reviews are all welcome.

Dr. José M. Bellosta von Colbe
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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