
Editorial

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Biographical notes: Bernard Vinet completed his PhD in Physical Science. His main research fields are crystal nucleation, rapid solidification (metastable phases, amorphous and nanocrystalline materials) and thermophysical properties measurements. Particular attention has been paid to refractory metals and alloys through the use of containerless processing. He has authored over 50 papers in international journals and conference proceedings. He has joined the management staff of the Laboratory of Innovation for New Energy Technologies and Nanomaterials.

This Special Issue is devoted to challenges in materials properties measurements. Our wish has been to follow a pluridisciplinary approach by addressing a wide variety of topics in terms of measured properties, involved techniques and characterisations, environmental conditions, studied materials, and scale of analysis. The guest editor is much indebted to all authors for their contributions and to Dr. M.A. Dorgham, the Editor-in-Chief, for his support of this special issue.