# Special Issue

# Advanced Applications of Phase Change Materials

### Message from the Guest Editors

Phase change materials (PCM) are becoming more and more popular for their use in different thermal energy storage (TES) systems. These materials can store and release high amounts of energy by latent heat and reduce the size and weight of systems based on conventional materials (water, rocks, etc.). They can be also coupled with renewable energy-based systems or use to shift the peak load. PCMs are suitable for implementation in multiple applications, ranging from buildings, the cooling of electronic devices, batteries, biomedical and industrial processes, concentrating solar power or solar cooling plants, to name a few. This Special Issue will publish the best research and review papers on the development and enhancement of PCMs, their testing at the lab or prototype scale, the development of dedicated numerical models, and more especially on the their use in advanced applications.
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### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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