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Solar Heating and Cooling 2019

Guest Editor:

Dr. Timothy Anderson
Department of Mechanical Engineering, Auckland University of Technology, Auckland, New Zealand

Deadline for manuscript submissions:
closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

In recent times, there has been a renewed interest in the use of solar energy as a source of thermal energy. Despite the advances made in harnessing solar thermal energy, there is still an imbalance between when solar heating is available and when it is required. However, if this heat is used in thermally driven refrigerators, air-conditioners, and cooling systems, the aforesaid imbalance can foreseeably be corrected. In achieving this outcome, there are a number of challenges, including the development of medium and high temperature solar collectors to drive these systems, smaller scale cooling machines, and innovative and efficient cooling devices and cycles. Given the potential for solar thermal cooling systems in the future, this Special Issue will explore some recent advances that have been made in the field of solar heating and cooling and their applications.

Dr. Timothy Anderson
Guest Editor

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Message from the Editor-in-Chief

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