



*climate*

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## Novel Advances in Refrigeration Systems and Packaging Solutions: Impact in Climate Change and Food Products

Guest Editor:

**Prof. Dr. Pedro Dinis Gaspar**

C-MAST-Center for Mechanical  
and Aerospace Science and  
Technologies, University of Beira  
Interior, 6201-001 Covilhã,  
Portugal

Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### Message from the Guest Editor

Dear Colleagues,

The scope of this Special Issue focuses on the current research accomplishments and the various approaches used to optimize the operation, performance, efficiency, and feasibility of refrigeration systems by experimental, numerical, or analytical techniques, and includes the review of challenges for the optimization and development to extend the usage of these systems with low climate impact. Research on materials, technologies, and novel approaches to services, as well as on procedures to extend the shelf life of food products and simultaneously improve their life cycle is determinant for reducing the influence of food packaging on climate change and the influence of climate change on food products. Therefore, we invite the submission of papers on topics including but not limited to innovative technical developments, experimental studies, numerical modelling, reviews, case studies, analyses, as well as assessments, future prospects, and suggestions of potential approaches on emerging technological solutions which are relevant for further improvements to food refrigeration systems and sustainable packaging solutions.

Prof. Dr. Pedro Dinis Gaspar  
*Guest Editor*



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# Special Issue