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## Quantum Thermodynamics

Guest Editor:

### Message from the Guest Editor

**Prof. Dr. Ronnie Kosloff**

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Deadline for manuscript  
submissions:

**closed (30 July 2017)**

Dear Colleagues,

Currently, quantum thermodynamics addresses the emergence of thermodynamic phenomena from quantum mechanics. The field is going through rapid development with contributions from many fields of science physics, such as open quantum systems, quantum information, quantum optics, statistical physics, solid state, cold atoms, optomechanics and more. This interdisciplinary character leads to different viewpoints. I, therefore, solicit contribution to this Special Issue of the many faces of quantum thermodynamics.

Prof. Dr. Ronnie Kosloff  
*Guest Editor*

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# Special Issue



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## Editor-in-Chief

### Prof. Dr. Kevin H. Knuth

Department of Physics, University  
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## Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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