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## Quantum Thermodynamics

Guest Editor:

**Prof. Dr. Ronnie Kosloff**

Institute of Chemistry, Hebrew  
University, Jerusalem 91904,  
Israel

Deadline for manuscript  
submissions:

**closed (30 July 2017)**

### Message from the Guest Editor

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  
at Albany, 1400 Washington  
Avenue, Albany, NY 12222, USA

## 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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*Entropy* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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