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Special Issue on Arrow of Time

Call for Papers

Arrow of Time is a concept developed in 1927 by the British astronomer Arthur Eddington involving the "one-way direction" or "asymmetry" of time. Problems connected to the arrow of time remain some of science's largest mysteries. Perhaps because the direction of time plays such a large role in our own lives we maintain a persistent interest in any science that distinguishes the past from future in a robust manner. In statistical mechanics, Boltzmann and many other greats of physics tackled the origins of thermodynamic entropy increase. As one of hottest topics in research subjects, **arrow of time** is of great attractions to researchers.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **arrow of time**. In this special issue, potential topics include, but are not limited to:

- Second law of thermodynamics
- Time reversal invariance
- Temporal asymmetries
- Reversibility paradox
- The thermodynamic arrow of time
- The cosmological arrow of time
- The radiative arrow of time
- The causal arrow of time
- The particle physics arrow of time
- The quantum arrow of time
- The psychological arrow of time

Authors should read over the journal's Authors' Guidelines carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly note that the "**Special Issue**" under your manuscript title should be specified and the research field "**Special Issue - *Arrow of Time***" should be selected during your submission.

Also please note the following timetable:

Submission Deadline	December 11th, 2014
Publication Date	February 2015

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