



## Special Issue on Superconductivity

### Call for Papers

**Superconductivity** is a phenomenon of exactly zero electrical resistance and expulsion of magnetic flux fields occurring in certain materials, called superconductors, when cooled below a characteristic critical temperature. Like ferromagnetism and atomic spectral lines, superconductivity is a quantum mechanical phenomenon.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **superconductivity**. Potential topics include, but are not limited to:

- Response to a magnetic field
- BCS theory
- Meissner effect
- Zero electrical DC resistance
- Superfluid
- Critical temperature and superconductivity
- Superconducting phase transition
- Application of superconducting magnets
- Superconducting materials

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Superconductivity**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 12th, 2018
Publication Date	March 2018

#### Guest Editor:

For further questions or inquiries  
Please contact Editorial Assistant at  
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