Special Issue on Algebras and Representation Theory

Call for Papers

The theory of rings, algebras and their representations has evolved to be a well-defined sub discipline of general algebra, combining its proper methodology with that of other disciplines, thus leading to a wide variety of application fields, ranging from algebraic geometry or number theory to theoretical physics and robotics. Due to this, many ring papers in these domains got dispersed in the scientific literature, making it extremely difficult for researchers to keep track of recent developments. This special issue aims to play a unifying role in this, presenting to its reader both up-to-date information about progress within the field of rings, algebras and their representations, as well as clarifying relationships with other fields.

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

- Representation theory of algebras
- Lie algebras and super algebras
- Rings of differential operators
- Group rings and algebras
- C*-algebras and hop algebras
- Quantum groups
- Commutative rings and algebras
- Associative rings and algebras
- Non-associative rings and algebras

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 specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Algebras and Representation Theory***" should be selected during your submission.

Also please note the following timetable:

Submission Deadline	October 28th, 2015
Publication Date	December 2015

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
apm@scirp.org