



Special Issue on Advances in Geometry

Call for Papers

Geometry is a branch of mathematics concerned with equations of shape, size, relative position of figures, and the properties of space. Geometry arose independently in a number of early cultures as a body of practical knowledge concerning lengths, areas, and volumes, with elements of a formal mathematical science emerging in the West as early as Thales.

In Euclid's time there was no clear distinction between physical space and geometrical space. Since the 19th-century discovery of non-Euclidean geometry, the concept of space has undergone a radical transformation. Contemporary geometry considers manifolds, spaces that are considerably more abstract than the familiar Euclidean space, which they only approximately resemble at small scales. Modern geometry has multiple strong bonds with physics, exemplified by the ties between pseudo-Riemannian geometry and general relativity.

The issue on "Advances in Geometry" will be focusing on all aspects of geometry. The topics to be covered by this special issue include, but are not limited to:

- ◆ Affine geometry
- ◆ Algebraic geometry and complex manifolds
- ◆ Analytic geometry
- ◆ Computational geometry
- ◆ Differential geometry and Lie groups
- ◆ Discrete geometry
- ◆ Euclidean geometry
- ◆ Fractal geometry
- ◆ Geometric topology
- ◆ Non-Euclidean geometry
- ◆ Projective geometr
- ◆ Solid geometry

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Advances in Geometry**.

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 at [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 –Advances in Geometry**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	September 9th , 2013
Publication Date	November 2013

Guest Editor

For further questions or inquiries

Please contact Editorial Assistant at am@scirp.org