

Editorial

Challenges – An Open Access Scientific Journal for Research Proposals and Open Problems

Shu-Kun Lin

Molecular Diversity Preservation International (MDPI), Matthaesstrasse 11, CH-4057 Basel, Switzerland; E-mail: lin@mdpi.org; Website: <http://www.mdpi.org/lin/>

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One of the unique features of several journals launched by me is that manuscripts regarding research proposals and research ideas are particularly welcomed for presentation [1]. Now, a journal *Challenges* is created for this purpose.

Intellectual properties can be secured by the publication of patent application. Research results have been normally distributed as journal articles. However, many research proposals submitted for grant application and research plan submitted to superiors for approval are reviewed by very few people and normally have no chance to be published whereas the ideas in the proposal and plan, if published, are definitely very helpful for promoting the research, development and production. Scientific collaborations among peers will be facilitated if the research plan is released.

This journal will publish only well prepared high level academic research proposals authored by experts. It is not a place for publishing simple exercises or quiz and solutions. Manuscripts will be prepared in a standard format of academic publication. Papers regarding big open problems [2] and grand challenges provided by research institutes or leading scholars will be very suitable for this journal. Many difficult research and development problems can be published here as challenges provided by a research scientist or a company as full papers or short notes. The summaries of the challenges should be clearly presented in the abstract and an overview will be given in the introduction section. Ideally, in a published paper, the state-of-the-art of the open problem description and the possible progress of the solutions or resolutions will be reviewed. Presentation of plausible approaches, hints or clues or combined methods and perspectives will be highly desirable.

The status of the solutions may be updated at the abstract website of a published challenge. Surrounding a current and important challenge, a special issue may be launched and published in this journal or another MDPI journal.

Enjoy publishing with us.

References

1. See: <http://www.mdpi.com/journal/entropy/about> for example.
2. The first 25 of 125 big questions that face scientific inquiry over the next quarter-century. *Science* **2005**, *309* (125th Anniversary), 1 July 2005. See: <http://www.sciencemag.org/sciext/125th/>.

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