

Special Issue on Recent Developments in Technology and Implementation of Nuclear Power All Over the World

Call for Papers

Nuclear power is the use of sustained nuclear fission to generate heat and electricity. Nuclear power plants provide about 5.7% of the world's energy and 13% of the world's electricity. In 2007, the IAEA reported there were 439 nuclear power reactors in operation in the world, operating in 31 countries. Also, more than 150 naval vessels using nuclear propulsion have been built.

China has 25 nuclear power reactors under construction, with plans to build many more, while in the US the licenses of almost half its reactors have been extended to 60 years, and plans to build another dozen are under serious consideration. However, Japan's 2011 Fukushima Daiichi nuclear disaster prompted a rethink of nuclear energy policy in many countries. Germany decided to close all its reactors by 2022, and Italy has banned nuclear power. Following Fukushima, the International Energy Agency halved its estimate of additional nuclear generating capacity to be built by 2035.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Recent Developments in Technology and Implementation of Nuclear Power All Over the World**.

Authors should read over the journal's [Author's Guidelines](#) carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal [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 — Recent Developments in Technology and Implementation of Nuclear Power All Over the World" should be chosen during your submission.

According to the following timetable:

| | |
|------------------|------------------|
| Manuscript Due | April 26th, 2013 |
| Publication Date | June 2013 |

Editor-in-Chief

Prof. Andrzej Grzegorz Chmielewski;
Institute of Nuclear Chemistry, Poland

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

