

Publishing Physics in Science Magazine

By

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Host: Prof Nikolay Zheludev

Abstract

Science is the world's leading journal of original scientific research, global news, and commentary. Over all disciplines, the journal receives over 12000 research papers submitted each year for consideration for publication. In 2012, just over 1000 of those papers were in the areas of physics and applied physics. With only 80 or so papers in these areas selected for publication, the competition for that limited space is fierce. I will overview the selection and peer review process at the journal.

Short Biography

Ian Osborne completed his PhD in physics at the University of Dundee in 1992. Following a 2 year research fellowship at Japan's prestigious Electrotechnical Laboratory (ETL) in Tsukuba, he moved into industry working for Sharp Electronics on the development of thin film solar cells. He then joined Science in 1998, where he currently handles papers in physics, applied physics and materials science. He also works in the Commentary section of the magazine, where he solicits and edits Perspective pieces covering a range areas including: astronomy and planetary science; earth sciences; physics and applied physics; materials science; chemistry; and engineering.