

Advanced Materials Technologies — When a Material really is a Material

The first articles in the newest journal in the *Advanced Materials* family have been published. The work appearing in *Advanced Materials Technologies* will have an emphasis on device design, integration, configuration, optimization, and function, rather than on the materials themselves.

Materials science lies at the heart of technology. Without advances in materials, we would not have many things we take for granted in everyday life, including semiconductors and magnetic materials for modern computing, batteries and capacitors for energy storage and delivery, bio-compatible materials for medicine, and composite materials for building and transport.

Work aimed at turning new materials into real applications, including device design and materials-based technological

innovation, is what converts a nice idea into something of practical use and economic value for the many challenges of the modern world. This is the focus of *Advanced Materials Technologies*.

Advanced Materials Technologies will contain articles on electronics, optics, sensors, actuators, detectors, data-storage, batteries, solar and fuel cells, imaging, biotechnology, drug delivery, packaging, microfluidics, electromechanics, and more. Due to the multidisciplinary nature of technological innovation, we expect that the devices and technologies that are reported in these pages will find applications in a huge variety of areas, some of which cannot yet be dreamed of! The scope of *Advanced Materials Technologies* is therefore deliberately broad. *Advanced Materials Technologies* will publish original research (in the form of communications

and full papers), in addition to reviews, progress reports, and research news.

Advanced Materials Technologies is edited by an international team of editors (Dr. Jovia Jiang, Dr. Esther Levy, Dr. Sophia Lloyd, and Dr. Gemma Smith) led by Dr. Eliza-Beth Lerch, with extensive experience working on other journals with the *Advanced Materials* group. They are supported by a distinguished [International Advisory Board](#) with a wide range of technology backgrounds, co-chaired by Prof. Andrew J. deMello ([ETH Zurich, Switzerland](#)), Prof. John A. Rogers ([University of Illinois at Urbana/Champaign, USA](#)), and Prof. Zhong Lin Wang ([Georgia Institute of Technology, USA](#)).

We look forward to receiving your submissions.

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