



Presentations covered nanomaterials-based sensors and devices, new membrane technologies incorporating biomimetic processes, and forward osmosis.

In the energy section, materials of importance and relevance to energy-conversion (e.g., solar-to-electrical, heat-to-electrical, and fuel-to-electrical), storage (e.g., in rechargeable batteries, such as hydrogen), and utilization (e.g., efficient light-emitting diodes, photocatalysts for

pollutant-degradation, and water desalination), were discussed. In addition to the fundamental aspects, technology-developments, device fabrication, and performance-testing of them were reviewed and discussed.

The presentations demonstrated that the materials and technologies developed can be scaled up to quantities of relevance to the industry. The lessons learned from such experiences can re-

sult in harnessing nanotechnology for societal applications.

The organizing Societies plan to establish a series of conferences to be rotated between the three countries with the interval of one year between the conferences. The next conference in this series will be held at the College of Materials Science and Engineering, Donghua University, Shanghai, China.

### ICMAT 2011 to be held in Singapore

[www.mrs.org.sg/icmat2011](http://www.mrs.org.sg/icmat2011)

The International Conference on Materials for Advanced Technologies, organized by the Materials Research Society of Singapore (MRS-S), will be held on June 26–July 1, 2011, in Suntec, Singapore. The conference is chaired by B.V.R. Chowdari of the National University of Singapore.

**Lim Hng Kiang**, Minister for Trade and Industry of Singapore, will be the guest of honor at the inauguration ceremony. Plenary speakers include several Nobel laureates: **Richard Schrock** (Massachusetts Institute of Technology,

USA), **Andre Geim** (University of Manchester, UK), **Ada Yonath** (Weizmann Institute, Israel), **K. von Klitzing** (Max-Planck-Institut für Festkörperforschung, Germany), and **Albert Fert** (CNRS, France).

Speakers in 40 symposia will address various topics including nanoscience and technology, energy and the environment, functional materials, bio/soft materials, imaging, and crystal growth and crystal technology. Industry workshops will be held on applied surface engineering and on the microelectronic process

and package characterization and reliability analysis.

The conference also includes an exhibit, three theme lectures, an education forum and discussion, public lectures, and a conference banquet.

For more information, contact the conference secretariat, Meeting Matters International 1 Commonwealth Lane, #06-23 One Commonwealth, Singapore 149544; tel. 65-6472-3108; fax 65-6472-3208; e-mail [icmat2011@meetmatt.net](mailto:icmat2011@meetmatt.net); and Web site [www.mrs.org.sg/icmat2011](http://www.mrs.org.sg/icmat2011).

MRS

### The 9th International Conference on Nitride Semiconductors to be held in July 2011

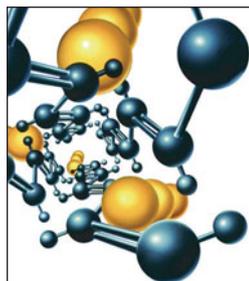
[www.icns9.org](http://www.icns9.org)

The 9th International Conference on Nitride Semiconductors (ICNS-9) will be held in Glasgow, Scotland on July 10–15, 2011, and continues the series of conferences providing an international forum for reporting advances in group-III nitride semiconductors such as gallium nitride and indium nitride.

Both fundamental research and applications will be covered, with oral and poster sessions focusing on topics such as epitaxial growth; bulk crystal growth; theory and simulation; optical and electronic devices (e.g., light-emitting diodes, lasers, and transistors); material characterization and development; and

nanostructures involving nitride semiconductors. Confirmed keynote speakers include Umesh Mishra (University of California, Santa Barbara) and Hiroshi Amano (Meijo University).

For more details, visit [www.icns9.org](http://www.icns9.org) or contact [info@icns9.org](mailto:info@icns9.org), 44-141-331-0123, or fax 44-141-331-0234. □



### Organic Microelectronics & Optoelectronics Workshop VII

July 18–20, 2011

Westin San Francisco Market Street, San Francisco, CA

For information on this Workshop, including speakers, schedules, lodging and registration visit [www.mrs.org/org-micro7](http://www.mrs.org/org-micro7)

ACS

IEEE

MRS