

## 6th International Conference on Silicon Epitaxy and Heterostructures to Be Held in Los Angeles

[www.icsi-6.org](http://www.icsi-6.org)

The 6th International Conference on Silicon Epitaxy and Heterostructures (ICSI-6) will be held in Los Angeles on May 17–22, 2009. Ya-Hong Xie is chair of the conference and of the local organization. The conference is endorsed by the Materials Research Society.

The conference topics are growth, characterization, and modeling of Si and Group IV (C, Si, Ge, Sn)-based thin-film materials including research on various interfaces on Si; formation and characteri-

zation of Group IV-based nanostructures including quantum dots, nanowires, and self-assembly processes; process technologies for Group IV-based heterostructures including doping, source/drain, and channel engineering as well as strained Si; electronic properties and device applications such as transistors and nanostructured devices; optical properties and device applications including solar cells of Si- and Ge-based heterostructures; germanium-based semiconductors from mate-

rials to devices; Si(Ge)-based materials growth and device fabrication for spintronics such as spin-polarized electron injection, transport, and manipulation, as well as other electron-spin-based phenomena; growth, characterization, and applications of epitaxial (high-*k*) dielectric materials; and emerging technologies: hetero-epitaxial film growths on SiGe and characterization (graphene, III–V, and other materials).

## 17th Conference on Solid State Ionics to Be Held in June

[www.ssi-17.net](http://www.ssi-17.net)

The 17th Conference on Solid State Ionics (SSI-17) will be held on June 28–July 3, 2009 at the Fairmont Royal York Hotel in Toronto, Canada. Conference co-chairs are Alastair Cormack (Alfred University, USA) and Klaus Funke (Universität Münster, Germany). The SSI conferences are held every two years under the auspices of the International Society for Solid State Ionics (ISSI) to provide a forum for scientists and engineers to discuss fundamentals, innovations, and applications in the field of ion transport in solids. Funke is president of ISSI. At the conference, four concurrent

sessions are being planned as well as poster sessions. There will also be a special session in honor of Robert Huggins, professor emeritus, Stanford University.

Program themes include polymer fuel cells, high-temperature fuel cells, batteries and sensors structured around fundamentals, modeling and simulation, measurement techniques, ionic diffusion and conduction, mixed conductors, novel materials, interfacial effects, and disordered materials.

Plenary lecturers are Joachim Maier, Max Planck Institute for Solid State Research; John Kilner, Imperial College

London; Linda Nazar, University of Waterloo, Ontario; Hiroyuki Ohno, Tokyo University; and Constantinos Vayenas, University of Patras.

English is the official language of the conference. Presented papers will be refereed and selected for publication in *Solid State Ionics* as a special issue. Co-sponsors are Alfred University, ISSI, and the Electrochemical Society. The Materials Research Society and The American Ceramic Society are endorsing the conference. Additional information about the conference can be accessed at [www.ssi-17.net](http://www.ssi-17.net).

## YUCOMAT 2009 Issues Call for Abstracts

[www.yu-mrs.org.yu](http://www.yu-mrs.org.yu)

The Materials Research Society of Serbia will hold its 11th annual conference—YUCOMAT 2009—on August 31 to September 4, 2009, at Plaza Hotel, Herceg Novi, Montenegro ([www.hercegnovi.com](http://www.hercegnovi.com)).

The conference will feature five symposia on the topics of advanced methods in synthesis and processing of materials, advanced materials for high-technology

application, nanostructured materials, composites, and biomaterials. The conference will include plenary speakers and oral and poster presentations. The official language is English.

**The abstract deadline is May 1, 2009.**

An exhibition of synthesis and characterization equipment, a workshop, and tutorials are planned to be held during

the conference, and awards will be given for best oral and poster presentations as well as for highly rated PhD and MSc theses defended during the interim between the 2008 and 2009 conferences.

More information can be obtained from the Web site at [www.yu-mrs.org.yu](http://www.yu-mrs.org.yu) or from Conference Secretary Aleksandra Stojic at e-mail [yumrs@itn.sanu.ac.yu](mailto:yumrs@itn.sanu.ac.yu). □

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