

Electronic Applications for Organic Materials to Be Held in October

Electronic Applications for Organic Materials, to be presented on October 9–10, 2003, will be the sixth leading-edge technology conference in what has become the University of Delaware's popular "new frontiers" conference series that began in 1998. Alan J. Heeger (University of California, Santa Barbara), 2000 Nobel laureate for chemistry and one of the co-founders of the field of electroactive organic materials, will deliver the keynote, addressing recent progress on field-effect transistors and light-emitting diodes fabricated from semiconducting polymers.

Preeminent scientists from industry and academe will gather at the University of Delaware's Newark Campus to discuss the flexibility inherent in the molecular design and synthesis of numerous types of organic materials that exhibit electronic, optical, and chemical activity. As that flexibility is better understood, physical properties (e.g., charge conduction and materials emissivity in the visible region), processing conditions, and stability become controllable. Existing and envisioned electronic

applications for these organic materials include various forms of "plastic" transistors and solar cells, organic light-emitting diodes, liquid-crystal displays, electroluminescent displays, polymer integrated circuits, as well as applications of novel conjugated organic materials.

Distinguished speakers include Ali Afzali (IBM Corp.), Zhenan Bao (Lucent Technologies), Graciela B. Blanchet (DuPont Co.), Paul Calvert (University of Arizona), Ananth Dodabalapur (University of Texas, Austin), Mary E. Galvin (University of Delaware), Wayne Gibbons (Elsicon), Beng S. Ong (Xerox Corp.), Marie O'Regan (DuPont Displays), John R. Reynolds (University of Florida), Ching Tang (Kodak), Michael J. Therien (University of Pennsylvania), and Mark Thompson (University of Southern California).

The conference is endorsed by the Materials Research Society. For more information, access Web site: <http://www.engr.udel.edu/outreach/ElectroOrganicMaterials.html>.

Brazilian-MRS Meeting to Be Held in October 2003

The 2nd Brazilian-MRS Meeting, to be held in Rio de Janeiro on October 26–29, 2003, introduces a model for scientific events in the country focused on the interdisciplinary nature of research, innovating technologies, and information transfer in the wide context of the development and application of materials. The meeting includes six symposia, one workshop, and plenary sessions concerning the state of the art in materials research as well as opportunities for national and international cooperation.

The Workshop topic is Growth, Characterization, and Device Applications of Semiconductor Nanostructures Based on Cubic Group III Nitrides. The symposium topics are

- Current Trends in Nanostructured Materials and Systems II,
- Advances in Biomaterials II,
- Materials for Energy Conversion and Environmental Protection,
- Structural Alloys for Transport Systems,
- Processing/Properties Structural Composite Materials, and
- Supramolecular Materials for Electronic and/or Optical Applications.

For more information, contact SBPMat, Caixa Postal 38090, Gávea, CEP 22451-970, Rio de Janeiro, Brazil; e-mail sbpmat@rdc.puc-rio.br; www.sbpmat.org.br/2meeting. □



International Workshop on Nitride Semiconductors

July 19-23, 2004
Sheraton Station Square • Pittsburgh, Pennsylvania, USA

Conference Chair and Local Arrangements:
Randall M. Feenstra, *Carnegie Mellon University*

Chair, International Advisory Committee:
Russell Dupuis, *University of Texas at Austin*

Conference Secretariat: Materials Research Society

For the most up-to-date information on these workshops, as well as other meetings and events from the Materials Research Society, visit

www.mrs.org/meetings/

Topical areas:

- Epitaxial Growth
- Substrates
- Defects and Doping
- Processing
- Interface Physics
- Optical Characterization
- Electrical Characterization
- Quantum Structures
- Devices



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