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**ABSTRACT DEADLINE: NOVEMBER 1, 2005**

**REMINDER:** *In fairness to all potential authors, late abstracts will not be accepted.*

## MRS Symposium L: Materials for Next-Generation Display Systems

Displays are central aspects of our lives, from television, to advertising, to printed signs on paper. Recent technology advances have started to shape our ideas of what future displays might be: flexible, bright, rollable, low-power, and conformable; but traditional, flat-panel displays are also evolving. This symposium will highlight trends in research and development on emerging displays and signs of all types. It will focus on materials issues surrounding the circuit, light-modulating and mechanical components of OLED, LCD, electrophoretic, electrochromic, bistable, and mechanical systems. The topics will include: patterning, materials, lifetime and stability, encapsulation, flexibility, bistability, electronics, and power supply—all of which rely on materials research for major advances. The goal of this symposium will be to highlight recent efforts which are key to the continued development of novel displays.

Papers are solicited in, but not limited to, the following areas:

- Patterning and deposition
- Materials (organic, inorganic, and hybrid systems)
- Lifetime and stability
- Encapsulation and passivation
- Flexibility
- Bistability and power consumption
- Electronics (TFT, drivers, etc.)
- Power supply
- Integration

**Invited speakers** include: **A. Duggal** (General Electric), **G. Gelinck** (Philips Research Labs, The Netherlands), **T. Jackson** (Pennsylvania State Univ.), **J. Kanicky** (Univ. of Michigan), **Y. Kijima** (Sony Corp., Japan), **K. Leo** (Technical Univ. of Dresden, Germany), **J. Park** (Samsung, Korea), **A. Shim** (Dow Corning), **T. Someya** (Chiba Univ., Japan), **M. Thompson** (Univ. of Southern California), and **Y. Yang** (Univ. of California-Los Angeles).

## Symposium Organizers

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