

MRS Bulletin

October 2011 Vol. 36 No. 10

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Solution-processed transparent electrodes

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electrode catalysts
and conductive nanomaterials

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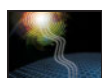


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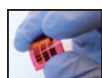
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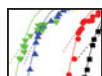
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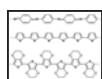
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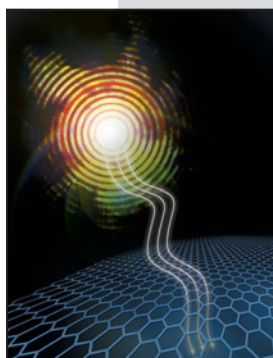
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ON THE COVER

Solution-processed transparent electrodes. This issue of *MRS Bulletin* explores solution-processed materials that are both electrically conductive and transparent to visible light. The cover shows light passing through a conductive graphene sheet consisting of a single layer of carbon atoms. The image is courtesy of Jonathan Wassei of the University of California, Los Angeles. Other transparent and conducting materials described in this issue include metal nanowires and grids, carbon nanotubes, conducting polymers, and nanostructured indium tin oxide. See the technical theme that begins on page 749.



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- **Preview: 2011 Materials Research Society Fall Meeting**
- **A. Paul Alivisatos to receive 2011 Von Hippel Award for colloidal nanoparticles**
- **Phaedon Avouris selected for 2011 David Turnbull Lectureship**
- **Peidong Yang named 2011 MRS Medalist for nanowire research**
- **Alex Zunger receives inaugural Materials Theory Award**
- **Peter F. Green named inaugural editor-in-chief of *MRS Communications***
- **IUMRS-ICYRAM 2012 conference of young researchers organized by MRS-Singapore**
- **IMEC-15 to be held in Israel in 2012**



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The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across the many technical fields touching materials development. MRS sponsors two major international annual meetings encompassing approximately 70 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence and fosters technical interaction in local geographic regions through Sections and University Chapters.

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