

Advanced Optical Materials: Independence 2013

The four focus sections on advanced optical materials published as part of *Advanced Materials* in 2012 were well received by readers and authors, and formed an excellent basis for our new journal, the first independent issue of which you are now reading.

Advanced Optical Materials is an interdisciplinary forum for peer-reviewed papers on the materials science, engineering, physics, biology, and chemistry of light–matter interactions. *Advanced Optical Materials* contains an attractive mix of Communications, Full papers, Review Articles, Progress Reports, and Essays with the same article specifications as *Advanced Materials*. It is dedicated to breakthrough discoveries and fundamental research in the field of optical materials, including topics like metamaterials & plasmonics, optical nanostructures, optical devices, sensors & detectors, light sources & resonators, photonic crystals, gratings, coatings, and more.



Such an endeavor requires the dedication and cooperation of a strong editorial team. In turn, we rely heavily on the

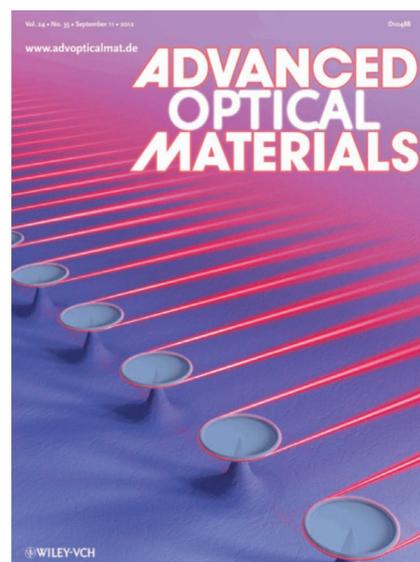
support and advice of our Editorial Advisory Board. We would like to take this opportunity to thank the Editorial Advisory Board members for their support and advice in the launch phase:

- Hatice Altug (Boston University)
- Richard Averitt (Boston University)
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- Martin Wegener (Karlsruher Institute for Technology)

We are looking forward to an ongoing, fruitful collaboration for future issues and developments to constantly form this high-quality research forum into a top-tier journal in the field of optical materials.

The inaugural issue of *Advanced Optical Materials* includes a review article by Alfonso Cebollada and co-workers on magnetoplasmonics, which reports on nanosystems which combine magnetic and plasmonic functionalities. You can

also find excellent, original research on plasmonic nanostructures, optically enhanced architectures for solar cells, broad optical responses based on metamaterials, a facile and sustainable fabrication method for SERS substrates, microstructures with all-optical tunable fano resonances, colorimetric biosensing, conjugated polymers for cell imaging and photodynamic therapy, photodetectors based on iron pyrite, self-assembled metamaterials, and liquid crystals. This first issue reflects the diversity of this highly dynamic research field which reaches into the different disciplines of materials scientists, physicists, chemists, biologists, and engineers. We look forward to bringing you the next developments and cutting-edge discoveries in light–matter interactions.



On a technical note, we are pleased to inform you that *Advanced Optical Materials* is the first member of the *Advanced* journal family which uses our new editorial system, *Editorial Manager*. It will replace *manuscriptXpress*. We have worked hard to ensure that the new system retains everything you have liked about *manuscriptXpress*, while adding a

lot of new features that will make submitting your work or acting as a referee even more convenient.

ADVANCED OPTICAL MATERIALS

We would like to remind all readers not yet able to access *Advanced Optical Materials* that it will be freely available for all institutions throughout 2013 and 2014. If you cannot yet access the journal at your institution, please ask your librarian to register at <http://wileyonlinelibrary.com/newjournals> for complimentary online access.

To conclude, we thank our authors for their hard work in bringing us the latest research results, our referees for helping us ensure the highest standards, and you, our readers, for your interest and support. Enjoy the content of this first independent issue and continue submitting your best manuscripts to *Advanced Optical Materials*.



Peter Gregory

**Editor-in-Chief and
Consulting Editor**



Guido Fuchs

Editor



Eva Rittweger

Editor

P.S.: 2012 saw many successes for our journal family, *Advanced Energy Materials* (www.advenergymat.de) received a first Immediacy Index of 1.950, comparable to *Advanced Materials* (2.155), *Advanced Functional Materials* (1.514), and *Small* (1.221). *Advanced Healthcare Materials* (www.advhealthmat.de) has enjoyed a very successful first year as a new journal, it has been accepted into MEDLINE, and will double in frequency to monthly this year.