



Photonic Metamaterials: from Random to Periodic

Topical Meeting

Westin at Our Lucaya Beach & Golf Resort
Grand Bahama Island, Bahamas

June 5-8, 2006

www.osa.org/meta

Conference Co-Chairs:

- Azriel Genack, *Queens College of City Univ. of New York, USA*
- Vladimir M. Shalaev, *Purdue Univ., USA*

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France*
Yurii Vlasov, *IBM, USA*
Arjun Yodh, *Univ. of Pennsylvania, USA*

PLAN TO ATTEND METAMATERIALS 2006!

Topics to be considered include:

- Fundamental and applied aspects of waves in structured, periodic and disordered metamaterials
- Fabrication and photonic properties of metamaterials including photonic and plasmonic band gap materials, negative-index materials and novel composites with unusual optical properties
- Wave propagation and localization in random media
- Imaging in turbulent and static disordered media including the atmosphere and ocean, and medical and biological tissues
- Partial coherence, coherent backscattering, random lasing, and temporal, spectral and spatial correlation; multiple scattering from dilute cold gases
- Analogies between the propagation of electromagnetic, acoustic, electronic and matter waves with dynamical localization and chaos

Invited Speakers

Eric Akkermans, *Technion, Israel*

Richard Blaikie, *Univ. of Canterbury,
New Zealand*

Sergey I. Bozhevolnyi, *Aalborg
Univ., Denmark*

Hui Cao, *Northwestern Univ., USA*

Nader Engheta, *Univ. of
Pennsylvania, USA*

F. Javier García de Abajo, *Centro
Mixto CSIC-UPV/EHUA, Spain*

Sajeev John, *Univ. of Toronto,
Canada*

Robin Kaiser, *CNRS, France*

Ad Lagendijk, *FOM, - Inst. for Atomic
& Molecular Physics, The Netherlands*

Evgenii Narimanov, *Princeton Univ.,
USA*

Susumu Noda, *Kyoto Univ., Japan*

John B. Pendry, *Imperial College, UK*

Pierre Petroff, *UCSB, USA*

Patrick Sebbah, *Univ. of Nice/CNRS,
France*

Ping Sheng, *Hong Kong Univ. of
Science and Technology, Hong Kong*

Costas Soukoulis, *Iowa State Univ.,
USA*

Bart van Tiggelen, *Univ. of J.
Fourier/CNRS, France*

Yurii Vlasov, *IBM, USA*

Diederik Wiersma, *European Lab for
Non-linear Spectroscopy, Italy*

Arjun Yodh, *Univ. of Pennsylvania,
USA*

Nikolay Zheludev, *Univ. of
Southampton, UK*

Xiang Zhang, *UCLA, USA*

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