



International Workshop Novel Ideas in Optics:

From Advanced Materials to Revolutionary Applications

"About light, I am in the dark."

- Benjamin Franklin -

May 31 – June 2, 2012

Purdue University, West Lafayette, IN, USA

Workshop Chair: **Vladimir M. Shalaev** (Purdue University, USA)

Invited Speakers and Session Chairs

Harry Atwater (California Institute of Technology, USA)

Allan Boardman (University of Salford, UK)

Robert Boyd (University of Ottawa, Canada)

Sergey Bozhevolnyi (University of Southern Denmark)

Mark Brongersma (Stanford University, USA)

Federico Capasso (Harvard, USA)

Boris Chichkov (Hannover Laser Center, Germany)

Demetrios Christodoulides (CREOL, UCF, USA)

Nader Engheta (University of Pennsylvania, USA)

Ildar Gabitov (University of Arizona, USA)

Naomi Halas (Rice University, USA)

Richard Hammond

(US Army Research Office and University of North Carolina, USA)

Joerg Heber (Nature Materials)

Mikhail Ivanov (Imperial, UK)

Maria Kafesaki (FORTH, Greece)

Jacob Khurgin (Johns Hopkins University, USA)

Alexander Kildishev (Purdue University, USA)

Natalia Litchinitser (SUNY, Buffalo, USA)

Mikhail Lukin (Harvard University, USA)

Boris Luk'yanchuk

(Agency for Science, Technology and Research, Singapore)

Martin Moskovits (CCNY, USA)

Evgenii Narimanov (Purdue University, USA)

Mikhail Noginov (Norfolk State University, USA)

Peter Nordlander (Rice University, USA)

Ian Osborne (Science)

Sir John Pendry (Imperial College, UK)

Alexander Popov

(University of Wisconsin-Stevens Point, USA)

Marlan Scully (Texas A&M, USA)

Mordechai Segev (Technion, Israel)

Olga Smirnova (Max Born Inst., Berlin, Germany)

David Smith (Duke University, USA)

Igor Smolyaninov (BAE Systems, USA)

Alexei Sokolov (Texas A&M, USA)

Costas Soukoulis

(Iowa State Univ. & Ames Lab, USA and FORTH, Greece)

Mark Stockman (Georgia State University, USA)

Sergey Turitsyn (Aston University, UK)

Victor Veselago

(A. M. Prokhorov Institute of General Physics, Russia)

Yurii Vlasov (IBM, USA)

Andrew Weiner (Purdue University, USA)

Rachel Won (Nature Photonics)

Anatoly Zayats (King's College London, UK)

Xiang Zhang (UC Berkeley, USA)

Nikolay Zheludev (University of Southampton, UK)