PROCEEDINGS OF SPIE

Metamaterials III

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Richard W. Ziolkowski
Editors

7–10 April 2008
Strasbourg, France

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Published by
SPIE

Volume 6987

Proceedings of SPIE, 0277-786X, v. 6987

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Please use the following format to cite material from this book:
Author(s), "Title of Paper," in *Metamaterials III*, edited by Nigel P. Johnson, Ekmel Özbay, Nikolay I. Zheludev, Richard W. Ziolkowski, Proceedings of SPIE Vol. 6987 (SPIE, Bellingham, WA, 2008) Article CID Number.

ISSN 0277-786X
ISBN 9780819471857

Published by
SPIE
P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445
SPIE.org

Publication of record for individual papers is online in the SPIE Digital Library.

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Contents

POSTER SESSION

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Opening Remarks
Nigel P. Johnson, University of Glasgow (United Kingdom)
Ekmel Özbay, Bilkent University (Turkey)
Nikolay I. Zheludev, University of Southampton (United Kingdom)
Richard W. Ziolkowski, The University of Arizona (USA)

1 Lensing I
Nigel P. Johnson, University of Glasgow (United Kingdom)

2 Lensing II
Ekmel Özbay, Bilkent University (Turkey)

3 Waveguides and Transmission Lines
Nikolay I. Zheludev, University of Southampton (United Kingdom)

4 Hole Arrays and PhCs
Ekmel Özbay, Bilkent University (Turkey)

5 Surface Plasmons I
Nigel P. Johnson, University of Glasgow (United Kingdom)

6 Surface Plasmons II
Richard W. Ziolkowski, The University of Arizona (USA)

7 Novel Device Applications I
Maria Kafesaki, Institute of Electronic Structure and Laser of the Foundation for Research and Technology-Hellas (Greece)

8 Novel Device Applications II
Richard W. Ziolkowski, The University of Arizona (USA)

9 Novel Theory
Ekmel Özbay, Bilkent University (Turkey)

Introduction

Metamaterials, artificial subwavelength structures which involve the interaction of electromagnetic radiation, is now an established research area and gathering momentum each year. In this meeting we placed emphasis on optical (and infra-red) metamaterials as evidenced by the large number of contributions on superlensing. Surface plasmons also brought a significant number of contributions with interest apparent from other neighbouring conferences such as nanophotonics. As the subject matures, we have seen more contributions to novel device applications (including waveguides and transmission lines, hole arrays and photonic crystals) backed by new theory.

This conference is the third in the series of metamaterials, the first at the SPIE *Europe* meeting in Warsaw 2005, followed by the 2007 meeting in Prague. It is hoped that the tradition of an eastern and western European venue will continue.

The chairs of the meeting would like to thank all contributors to the conference, the SPIE team, and the programme committee, many of whom were drawn from METAMORPHOSE Network of Excellence.

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Ekmel Özbay
Nikolay I. Zheludev
Richard W. Ziolkowski