DESCRIPTION

This book, edited by two of the most respected researchers in plasmonics, gives an overview of the current state in plasmonics and plasmonic-based metamaterials, with an emphasis on active functionalities and an eye to future developments. This book is multifunctional, useful for newcomers and scientists interested in applications of plasmonics and metamaterials as well as for established researchers in this multidisciplinary area.

ABOUT THE AUTHOR

ANATOLY V. ZAYATS, PhD, is Professor of Experimental Physics and the Head of the Experimental Biophysics and Nanotechnology Group at King's College London. He also leads the UK EPSRC research program on active plasmonics. He is a Fellow of the Institute of Physics, the Optical Society of America, and SPIE.

STEFAN MAIER, PhD, is the Co-Director of the Centre for Plasmonics and Metamaterials at Imperial College London. He was the recipient of the 2010 Sackler Prize in the Physical Sciences and the 2010 Paterson Medal of the Institute of Physics. A Fellow of the OSA and Institute of Physics, Dr. Maier has published over 130 journal articles in the area of nanoplasmonics, and is a frequent invited speaker at international conferences.