

PROCEEDINGS OF SPIE

Integrated Optics: Devices, Materials, and Technologies XV

**Jean Emmanuel Broquin
Gualtiero Nunzi Conti**
Editors

**24–26 January 2011
San Francisco, California, United States**

Sponsored and Published by
SPIE

Volume 7941

Proceedings of SPIE, 0277-786X, v. 7941

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

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Author(s), "Title of Paper," in *Integrated Optics: Devices, Materials, and Technologies XV*, edited by Jean Emmanuel Broquin, Gualtiero Nunzi Conti, Proceedings of SPIE Vol. 7941 (SPIE, Bellingham, WA, 2011) Article CID Number.

ISSN 0277-786X

ISBN 9780819484789

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

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Printed in the United States of America.

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Introduction

Since the first Integrated Optics Conference at Photonics West fifteen years ago, it has been noticed that this field of research has kept evolving year after year, renewing itself constantly and, sometimes, surprisingly. Indeed, though the telecom bubble exploded, integrated optics kept on moving finding applications in sensors and bio-chips but also into more exotic fields like astronomy. This variety of uses is also completed by a great variety of technological and design approaches. From the well-known "Silica-on-silicon" based waveguides to new plasmonic devices, from microresonators to diffractive devices, the conference "Integrated Optics: Devices and Materials" has been trying hence to reflect the vitality and the diversity of this field.

In this proceedings volume, the reader will therefore see a wide range of exciting advances ranging from new exotic work on amorphous silicon waveguides for UV detection to different approaches for obtaining magneto-optic waveguides, as well as the coupling of a free space beam into a plasmonic nanometric antenna thanks to a photonic crystal.

The reader will also find articles written by students, who quite often gave their first international talk at this conference, together with papers from renowned scientists of the field. It is indeed because today's students are tomorrow's scientific leaders that our conference always promoted their participation and will keep on doing so thanks to the SPIE student grant policy. If "Integrated Optics: Devices and Materials" is now one of the oldest conferences of the SPIE Optoelectronics symposium, it is, of course, because of the quality of the scientific work that had been presented through years, but, it is also because of the dedication of all the members of the program committee who accept willingly to spend a part of their summer in building this conference and finding all the exciting invited talks that we see every year.

To them, to all the speakers and authors, to the SPIE staff who make the logistics run so smoothly, we would like to say thank you very much and we long to see you next year.

**Jean Emmanuel Broquin
Gualtiero Nunzi Conti**

