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Optical Fibers and Sensors for Medical Diagnostics and Treatment Applications VIII

Israel Gannot

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Introduction

The focus in the early days of this conference dealt mainly with fibers and waveguide development, and understanding laser propagation in them. In the last few years it expanded to the use of these fibers and waveguides in various medical and biological applications such as sensing, detection, imaging, and scanning. New materials and new structures have developed which enable delivery of very short pulses and additional segments in the spectral range.

The number of papers continues to increase each year and attendance is growing as well. Each year new labs around the world are submitting papers to this conference.

It is a pleasure to be a member of this very diverse community that comes from five continents.

This volume has 27 papers from which I am sure the reader will learn many things.

Israel Gannot

