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The 11th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods

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Editors

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Introduction

The 11th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods 2016 is an international scientific forum of photonics and modern nanotechnology.

The Integrated Optics (IOS) conference is organized every year and in 2016, was held for the eleventh time.

IOS 2016 took place 29 February–4 March 2016, at the META Hotel, in Szczyrk, in the Beskidy Mountains of Southern Poland, in the midst of beautiful winter scenery.

Over 80 scientists participated in IOS 2016, mainly from Poland, but also from Australia, Slovakia, Germany, France, and Czech Republic.

The main organizer of the 11th IOS 2016 was the Photonics Society of Poland. The technical co-organizers of the Conference were the Upper Silesian Division of the Polish Acoustical Society and the Optoelectronic Department at the Silesian University of Technology in Gliwice (Poland).

For many years, the IOS conference has been promoted by the Committee of Electronics and Telecommunication of the Polish Academy of Sciences.

The Honorary auspices of the conference were taken over by Professor Wieslaw Wolinski—Full Member of the Polish Academy of Sciences.

During the IOS 2016 conference, more than fifty oral lectures were delivered in 8 scientific sessions. Additionally, during the poster session, nearly 30 posters were presented.

The main aim of the Conference was an exchange of knowledge in the scope of practical applications of photonics, integrated optics and related areas, as well as the presentation of experiences in the field of technology and theoretical analysis of optoelectronic sensors, practical applications of sensing structures and systems, and new methods in the field of modern metrology.

The IOS 2016 conference contributed to extension of relations between scientific groups and enabled the intensification of common cooperation for the development of photonics and integrated optics.

Tadeusz Pustelny