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

**Przemyslaw Struk
Tadeusz Pustelny**
Editors

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Contents

v	<i>Authors</i>
vii	<i>Conference Committee</i>
ix	<i>Introduction</i>

1003 02	Mid-infrared luminescence in HMO glass co-doped with Ho³⁺/Yb³⁺ ions [10034-2]
1003 03	The enhanced micropump's winding shape and its influence on the generated electromagnetic torque [10034-4]
1003 04	High operating temperature long-wave HgCdTe detector for fast response operation: optimization approach [10034-5]
1003 05	Gas analysis software for selected techniques of laser absorption spectroscopy [10034-6]
1003 06	Numerical and experimental determinations of temporal characteristics of the SAW sensor with a chemi-sensitive layer of WO₃+Pd [10034-7]
1003 07	Measuring the stroke volume of the pneumatic heart prosthesis using an artificial neural network (Invited Paper) [10034-8]
1003 08	Application of boron-doped diamond film and ZnO layer in the Fabry-Pérot interferometer [10034-9]
1003 09	A new innovative depth from defocus method: identification of the impact of the marker size on the distance measurement result [10034-10]
1003 0A	Optical fiber current sensor with external conversion [10034-11]
1003 0B	Application of microelectronics in high energy physics and space technology (Invited Paper) [10034-13]
1003 0C	RAMAN spectroscopic study of graphite oxide obtained from different graphite precursors [10034-14]
1003 0D	Detection of the trace amounts of carbon monoxide using cavity enhanced spectroscopy [10034-15]
1003 0E	Broad-band differential interference in the bimodal waveguide [10034-16]
1003 0F	Laboratory and field tests of the active composite fence with integrated fiber optic modalmetric sensor and electromagnetic sensor [10034-17]

1003 OG	Single photon fiber optic sensor in detection of fiber optic telecommunication line tapping [10034-18]
1003 OH	Fiber optic Fabry-Pérot sensors: modeling versus measurements results (Invited Paper) [10034-19]
1003 OI	Theoretical analysis of slab waveguides supporting SPP modes toward their sensitivity characteristics [10034-20]
1003 OJ	Chromatic dispersion measurements of selected liquid crystalline materials for integrated optics applications [10034-21]
1003 OK	Fiber optic displacement sensor with signal analysis in spectral domain [10034-22]
1003 OL	Pulse interferometer in protection of telecommunication lines [10034-23]
1003 OM	SU-8 polymer based waveguides on different substrates [10034-24]
1003 ON	Optical fiber coated with Nafion thin film for humidity sensing (Invited Paper) [10034-25]

Authors

Numbers in the index correspond to the last two digits of the six-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first four digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Arciuch, Artur, 09	Setkiewicz, M., 06
Barczak, Kamil, 0A	Sitarz, Maciej, 02
Bartel, Sebastian, 03	Smędowski, Ł., 0C
Bielecki, Z., 0D	Szabra, D., 0D
Brewczyński, Konrad, 0F, 0G	Szustakowski, Mieczysław, 0F, 0G, 0L
Cichalewski, W., 0B	Trawiński, Tomasz, 03
Den, W., 08	Tyszkiewicz, Cuma, 0I
Dorosz, Dominik, 02	Wojtas, J., 0D
Drewniak, S., 0C	Zakrzewska, B., 0D
Gawron, W., 04	Zmojda, Jacek, 02
Gomułka, E., 04	Życzkowski, Marek, 0F, 0G, 0L
Grad, Leszek, 07	
Grodecki, K., 04	
Gryglewicz, G., 0C	
Guł, Kazimierz, 0E, 0M	
Hejczyk, T., 06	
Herzog, T., 0M	
Jankowski, M., 0B	
Jędrzejewska-Szczerska, M., 08	
Jelen, Piotr, 02	
Jodłowski, Leon, 0F	
Kałużński, P., 0M	
Karol, Mateusz, 0F, 0G, 0L	
Karpienko, Katarzyna, 0H, 0K	
Kochanowicz, Marcin, 02	
Kopytko, M., 04	
Kozak, A., 0J	
Maciak, Erwin, 06, 0N	
Majchrowicz, D., 08	
Makowski, D., 0B	
Markowski, Piotr, 0F, 0L	
Martyniuk, P., 04	
Marzejon, Marcin, 0K	
Mikołajczyk, Janusz, 05, 0D	
Miluski, Piotr, 02	
Murawski, Krzysztof, 07, 09	
Muzyka, R., 0C	
Napieralski, A., 0B	
Nowakowski, M., 0D	
Olszewski, Łukasz, 0F, 0G	
Opilski, Z., 0M	
Orlikowski, M., 0B	
Orzechowski, K., 0J	
Panek, Małgorzata, 05	
Pluciński, Jerzy, 0H, 0K	
Prokopiuk, A., 0D	
Pustelny, Tadeusz, 07, 09, 0C	
Ragin, Tomasz, 02	
Rutkowska, K. A., 0J	

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- 1 The Session Dedicated to the Memory of Professor Jerzy Kapelewski
Eugeniusz Kozaczka, Gdansk University of Technology (Poland)
- 2 Photonics Sensors
Tadeusz Pustelny, Silesian University of Technology, Gliwice (Poland)
- 3 Photonics and Optical Fibers Materials
Tomasz Wolinski, Warsaw University of Technology (Poland)
- 4 Photonic Emitters and Detectors
Wojciech Gawlik, Jagiellonian university Cracow (Poland)
- 5 Bio-engineering
Wiesław Krolkowski, University of Canberra (Australia)
- 6 Medical Engineering
Katarzyna Rućkowska, Warsaw University of Technology (Poland)
- 7 Semiconductors Nanostructures
Ryszard Buczyński, Warsaw University (Poland)
- 8 Optoelectronics Sensors
Jerzy Plucinski, Gdansk University of Technology (Poland)

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 Beskid 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 Wiesław 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