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Fabrice Manns
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Introduction

The papers contained in this volume were presented at the twenty-eighth conference on Ophthalmic Technologies, held from January 27 to 28, 2018, at the Moscone Center in San Francisco, California as a part of the SPIE Photonics West BiOS Meeting.

A total of 51 papers and 41 posters were presented by scientists, clinicians, and engineers from academia and industry representing 20 countries spanning 4 continents. Topics included new approaches using digital holography for blood flow imaging, multimodal and multispectral adaptive-optics imaging and in vivo high resolution imaging of the cornea using full-field OCT.

The conference hosted its twelfth presentation on the topic of the unmet needs and impact of technology in the clinical area. Prof. Arun Singh, from the Department of Ophthalmology at the Cleveland Clinic in Cleveland, Ohio, described the current uses of lasers for treatment of ocular tumors and the needs for better approaches.

The eighteenth Pascal Rol Award was presented to Dr. Kazuhiro Kurokawa and his colleagues from Indiana University for their outstanding paper on "Method to investigate temporal dynamics of ganglion and other retinal cells in the living human eye" (10474-31). Established in memory of Dr. Pascal O. Rol, former chair and co-founder of the Ophthalmic Technologies conference, the award is in recognition of the best manuscript and presentation. Special congratulations to Dr. Kurokawa, who also won the award in 2009, for being the first repeat winner of the award! The 2018 finalists of the award, selected by the entire program committee among 86 abstract submissions, included Theodore Dubose (10474-15), Viacheslav Mazlin (10474-27), and Ruobing Qian (10474-36).

We are very grateful to Johnson and Johnson Vision for sponsoring the 2018 Pascal Rol award and keynote lecture through the Pascal Rol Foundation.

We thank the Program Committee members, session chairs, speakers and participants, as well as the SPIE staff for their support and dedication in making this conference a success.

We extend an invitation for the Ophthalmic Technologies XXIX conference, which is scheduled for Saturday February 2 and Sunday February 3, 2019 in San Francisco, CA.

Fabrice Manns
Per G. Söderberg
Arthur Ho

