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Fabrice Manns
Per G. Söderberg
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Editors

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Contents

| | |
|------|---|
| ix | Conference Committee |
| xi | Introduction |
| xiii | 13th Pascal Rol Award for Excellence in Ophthalmic Technologies |

OCULAR VASCULATURE AND BLOOD FLOW

- 8567 02 **Visualization of human retinal and choroidal vascular networks with phase-variance optical coherence tomography** [8567-1]
D. Y. Kim, J. Fingler, California Institute of Technology (United States); R. J. Zawadzki, The Univ. of California, Davis (United States); M. Verma, California Institute of Technology (United States); D. M. Schwartz, The Univ. of California, San Francisco (United States); J. S. Werner, The Univ. of California, Davis (United States); S. E. Fraser, California Institute of Technology (United States)
- 8567 04 **In vivo human Lamina Cribrosa microstructural and vasculature evaluation using ultrahigh sensitive optical microangiography** [8567-3]
L. An, M. Johnstone, R. K. Wang, Univ. of Washington (United States)

OPHTHALMIC LASERS, STIMULATION, IMPLANTS

- 8567 08 **Ocular safety limits for 1030nm femtosecond laser cataract surgery** [8567-7]
J. Wang, C. Sramek, Y. M. Paulus, D. Lavinsky, Stanford Univ. (United States); G. Schuele, D. Anderson, D. Dewey, OptiMedica Corp. (United States); D. V. Palanker, Stanford Univ. (United States)
- 8567 09 **In vivo performance of photovoltaic subretinal prosthesis (Pascal Rol Award)** [8567-8]
Y. Mandel, G. Goetz, D. Lavinsky, P. Huie, Stanford Univ. (United States); K. Mathieson, Univ. of Strathclyde (United Kingdom); L. Wang, T. Kamins, R. Manivanh, J. Harris, D. Palanker, Stanford Univ. (United States)
- 8567 0A **Optical modulation of transgene expression in retinal pigment epithelium** [8567-9]
D. Palanker, D. Lavinsky, Stanford Univ. (United States); T. Chalberg, Avalanche Biotechnologies, Inc. (United States); Y. Mandel, P. Huie, R. Dalal, M. Marmor, Stanford Univ. (United States)

OPHTHALMIC DIAGNOSTICS: POLARIZATION

- 8567 0F **Non-invasive assessment of corneal crosslinking changes using polarization sensitive optical coherence tomography** [8567-14]
D. Alonso-Caneiro, Queensland Univ. of Technology (Australia); M. Yamanari, Tomey Corp. (Japan); S. Fukuda, S. Hoshi, Univ. of Tsukuba (Japan); S. Nagase, Tokyo Medical Univ. (Japan); T. Oshika, Y. Yasuno, Univ. of Tsukuba (Japan); M. Collins, Queensland Univ. of Technology (Australia)

OCULAR BIOMETRY

- 8567 OM **Natural motion of the optic nerve head revealed by high speed phase-sensitive OCT** [8567-21]
K. OHara, T. Schmoll, C. Vass, R. A. Leitgeb, Medical Univ. of Vienna (Austria)

OPHTHALMIC IMAGE PROCESSING

- 8567 OP **Automated multilayer segmentation and characterization in 3D spectral-domain optical coherence tomography images** [8567-24]
Z. Hu, Univ. of Southern California, Los Angeles (United States); X. Wu, The Univ. of Iowa (United States); A. Hariri, S. R. Sadda, Univ. of Southern California, Los Angeles (United States)

OPHTHALMIC INSTRUMENTATION

- 8567 OX **4D dynamic imaging of the eye using ultrahigh speed SS-OCT** [8567-32]
J. J. Liu, I. Grulkowski, Massachusetts Institute of Technology (United States); B. Potsaid, Massachusetts Institute of Technology (United States) and Thorlabs, Inc. (United States); V. Jayaraman, Praevium Research, Inc. (United States); A. E. Cable, Thorlabs, Inc. (United States); M. F. Kraus, J. Horneegger, Friedrich-Alexander-Univ. Erlangen-Nürnberg (Germany); J. S. Duker, Tufts Univ. (United States); J. G. Fujimoto, Massachusetts Institute of Technology (United States)
- 8567 OY **Non-mydratic confocal retinal imaging using a digital light projector** [8567-33]
M. S. Muller, Aeon Imaging, LLC (United States); A. E. Elsner, Indiana Univ. (United States); G. Y. Ozawa, Univ. of California, Berkeley (United States)

FUNCTIONAL IMAGING

- 8567 17 **In utero monitoring of mouse embryonic eye development with optical coherence tomography** [8567-42]
N. Sudheendran, M. Mashiatulla, Univ. of Houston (United States); S. H. Syed, M. E. Dickinson, I. V. Larina, Baylor College of Medicine (United States); K. V. Larin, Univ. of Houston (United States), Baylor College of Medicine (United States), and Saratov State Univ. (Russian Federation)
- 8567 18 **Imaging pigment chemistry in melanocytic conjunctival lesions with pump-probe microscopy** [8567-43]
J. W. Wilson, L. Vajzovic, F. E. Robles, T. J. Cummings, P. Mruthyunjaya, W. S. Warren, Duke Univ. (United States)

- 8567 1C **Functional imaging of hemodynamic stimulus response in the rat retina with ultrahigh-speed spectral / Fourier domain OCT** [8567-47]
W. Choi, Massachusetts Institute of Technology (United States); B. Baumann, Massachusetts Institute of Technology (United States) and Tufts Univ. (United States); A. C. Clermont, E. P. Feener, Harvard Medical School (United States); D. A. Boas, Massachusetts General Hospital (United States); J. G. Fujimoto, Massachusetts Institute of Technology (United States)

OPHTHALMIC TISSUES: ANATOMY AND PROPERTIES

- 8567 1D **Comparison of RNFL thickness and RPE-normalized RNFL attenuation coefficient for glaucoma diagnosis** [8567-49]
K. A. Vermeer, J. van der Schoot, H. G. Lemij, The Rotterdam Eye Hospital (Netherlands); J. F. de Boer, The Rotterdam Eye Hospital (Netherlands) and Vrije Univ. Amsterdam (Netherlands)
- 8567 1E **Multiphoton gonioscopy to image the trabecular meshwork of porcine eyes** [8567-50]
O. Masihzadeh, D. A. Ammar, M. Y. Kahook, E. A. Gibson, T. C. Lei, Univ. of Colorado Denver (United States)
- 8567 1G **Dynamic OCT measurements of corneal biomechanical properties after UV cross-linking in the rabbit** [8567-52]
M. D. Twa, J. Li, R. K. Manapuram, F. M. Menodiado, M. Singh, Univ. of Houston (United States); S. Aglyamov, S. Emelianov, The Univ. of Texas at Austin (United States); K. V. Larin, Univ. of Houston (United States) and Baylor College of Medicine (United States)

POSTER SESSION

- 8567 1K **Ocular UV protection: revisiting safe limits for sunglasses standards** [8567-55]
L. Ventura, M. Masili, H. Schiabel, Univ. de São Paulo (Brazil)
- 8567 1L **Development of a polarimeter equipment for sunglasses according to the Brazilian standard NBR15111** [8567-56]
L. E. Lopes, L. Ventura, Univ. de São Paulo (Brazil)
- 8567 1M **Method for transmittance measurements in sunglasses for a kiosk** [8567-57]
M. M. Mello, M. Figueiredo, R. A. Konda, L. Ventura, Univ. de São Paulo (Brazil)
- 8567 1N **Semi-automatic evaluation of intraocular lenses (IOL) using a mechanical eye model** [8567-58]
A. Drauschke, E. Rank, M. Forjan, L. Traxler, Univ. of Applied Sciences Technikum Wien (Austria)
- 8567 1R **Laser welding in penetrating keratoplasty and cataract surgery of pediatric patients: early results** [8567-62]
F. Rossi, R. Pini, Istituto di Fisica Applicata Nello Carrara, CNR (Italy); L. Menabuoni, A. Malandrini, A. Canovetti, I. Lenzetti, Ospedale Misericordia e Dolce (Italy); P. Capozzi, P. Valente, L. Buzzonetti, Bambino Gesù IRCCS Children's Hospital (Italy)

- 8567 1S **All-femtosecond laser-assisted in situ keratomileusis** [8567-63]
E. Gabryte, Vilnius Univ. (Lithuania) and Light Conversion Ltd. (Lithuania); E. Danieliene, Private Ophthalmological Practice (Lithuania); A. Vaiceliunaite, O. Ruksenas, Vilnius Univ. (Lithuania); M. Vengris, Vilnius Univ. (Lithuania) and Light Conversion Ltd. (Lithuania); R. Danielius, Light Conversion Ltd. (Lithuania)
- 8567 1U **Study of the possibility of diagnostic cataract in the THz range** [8567-65]
A. Ezerskaya, O. Smolyanskaya, National Research Univ. of Information Technologies, Mechanics and Optics (Russian Federation); A. Goncharenko, I. Geyko, S. N. Fyodorov Eye Microsurgery Complex (Russian Federation)
- 8567 1V **Symbolic algebra approach to the calculation of intraocular lens power following cataract surgery** [8567-66]
D. P. Hjelmstad, The Eye Ctr. (United States) and Arizona State Univ. (United States); S. I. Sayegh, The Eye Ctr. (United States)
- 8567 1W **Adaptive optics-assisted optical coherence tomography for imaging of patients with age related macular degeneration** [8567-67]
K. Sudo, B. Cense, Utsunomiya Univ. (Japan)
- 8567 1X **Volumetric imaging of the intraocular propagation medium using differential OTF wavefront sensing** [8567-68]
J. L. Codona, The Univ. of Arizona (United States); N. Doble, New England College of Optometry (United States)
- 8567 1Y **Cataract screening by minimally trained remote observer with non-mydratic digital fundus camera** [8567-69]
A. Choi, The Eye Ctr. (United States) and Univ. of Illinois at Urbana-Champaign (United States); D. Hjelmstad, The Eye Ctr. (United States) and Arizona State Univ. (United States); J. N. Taibl, The Eye Ctr. (United States) and Univ. of Illinois at Urbana-Champaign (United States); S. I. Sayegh, The Eye Ctr. (United States)
- 8567 22 **Reflective afocal adaptive optics: optical coherence tomography retinal imaging system** [8567-73]
S. H. Lee, J. S. Werner, R. J. Zawadzki, Univ. of California, Davis (United States)
- 8567 25 **Multimodality imaging in clinical diagnosis and treatment of macular disease** [8567-76]
J. N. Taibl, Univ. of Illinois Urbana-Champaign (United States) and The Eye Ctr. (United States); S. I. Sayegh, The Eye Ctr. (United States)
- 8567 26 **Picosecond laser ablation of porcine sclera** [8567-77]
W. S. Góra, Heriot-Watt Univ. (United Kingdom); E. M. Harvey, B. Dhillon, S. H. Parson, The Univ. of Edinburgh (United Kingdom); R. R. J. Maier, D. P. Hand, J. D. Shephard, Heriot-Watt Univ. (United Kingdom)
- 8567 27 **Sapphire ball lensed fiber probe for common-path optical coherence tomography in ocular imaging and sensing** [8567-78]
M. Zhao, Y. Huang, J. U. Kang, Johns Hopkins Univ. (United States)
- 8567 28 **High quality optical microangiography of ocular microcirculation and measurement of total retinal blood flow in mouse eye** [8567-79]
Z. Zhi, X. Yin, S. Dziennis, C. E. Alpers, R. K. Wang, Univ. of Washington (United States)

- 8567 29 **Contact focusing multimodal probes for potential use in ophthalmic surgery with the Erbium:YAG laser** [8567-80]
A. Darafsheh, T. C. Hutchens, Univ. of North Carolina at Charlotte (United States);
A. Fardad, PhotonTech, LLC (United States); A. N. Antoszyk, Charlotte Eye Ear Nose and Throat Associates (United States); H. S. Ying, Johns Hopkins Univ. (United States); N. M. Fried, V. N. Astratov, Univ. of North Carolina at Charlotte (United States)
- 8567 2B **Quantification of phase retardation in corneal tissues using a femtosecond laser** [8567-82]
W. R. Calhoun III, A. Beylin, R. Weiblinger, I. Ilev, U.S. Food and Drug Administration (United States)
- 8567 2C **Combination of optical coherence tomography and reflectometry technique for eye measurement** [8567-83]
H. Lu, M. R. Wang, Univ. of Miami (United States)
- 8567 2F **Adaptive optics for reduced threshold energy in femtosecond laser induced optical breakdown in water based eye model** [8567-86]
A. Hansen, A. Krueger, T. Ripken, Laser Zentrum Hannover e.V. (Germany)

Author Index

Conference Committee

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- 1 Ocular Vasculature and Blood Flow
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- 2 Ophthalmic Lasers, Stimulation, Implants
Jean-Marie Parel, Bascom Palmer Eye Institute (United States)
Ezra Maguen M.D., American Eye Institute (United States)
Ralf Brinkmann, Universität zu Lübeck (Germany)
- 3 Ophthalmic Diagnostics: Polarization
Kirill V. Larin, University of Houston (United States)
Kostadinka Bizheva, University of Waterloo (Canada)
William B. Telfair, Consultant (United States)
- 4 Ocular Biometry
Wolfgang Drexler, Medizinische Universität Wien (Austria)
Ezra Maguen, American Eye Institute (United States)
Per G. Söderberg, Uppsala University (Sweden)
- 5 Ophthalmic Image Processing
Daniel X. Hammer, U.S. Food and Drug Administration (United States)
Arthur Ho, Brien Holden Vision Institute (Australia)
- 6 Ophthalmic Instrumentation
Georg Schuele, OptiMedica Corporation (United States)
David Borja, Alcon Laboratories, Inc. (United States)
Ezra Maguen M.D., American Eye Institute (United States)
- 7 Ophthalmic Adaptive Optics
Donald T. Miller, Indiana University (United States)
Ralf Brinkmann, Universität zu Lübeck (Germany)
- 8 Functional Imaging
Daniel V. Palanker, Stanford University (United States)
Michael Belkin, Tel Aviv University (Israel)
Marco Ruggeri, University of Miami (United States)
- 9 Ophthalmic Tissues: Anatomy and Properties
Arthur Ho, Brien Holden Vision Institute (Australia)
Roberto Pini, Istituto di Fisica Applicata Nello Carrara (Italy)
Michael Belkin, Tel Aviv University (Israel)

Pascal Rol Award

Arthur Ho, Brien Holden Vision Institute (Australia)
Fabrice Manns, University of Miami (United States)

Introduction

The papers contained in this volume were presented at the 23rd conference on Ophthalmic Technologies, held from February 2–3, 2013, at the Moscone Center in San Francisco, California, as a part of the SPIE Photonics West BIOS Meeting.

A total of 50 papers and 30 posters were presented by scientists, clinicians, and engineers from academia, private clinics, and industry representing many different countries covering five different continents. Topics included advances in retinal vasculature and blood flow imaging, new applications of optical coherence tomography for ocular biometry, and advances in adaptive optics.

The 13th Pascal Rol Award was presented to Dr. Yossi Mandel and his colleagues from Stanford University, California, for their excellent paper on "In-vivo performance of photovoltaic subretinal prosthesis" [8567-08]. 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. The outstanding finalists, selected by the entire program committee among the 83 abstract submissions, were Drs. Lei [8567-50] and Palanker [8567-09].

This year, the award was conferred by Dr. William Telfair. We are particularly grateful to Dr. Telfair, who announced his retirement from the program committee after many years of loyal service to the conference, starting from the very first meetings in the early 1990s. His contribution to ophthalmic technologies, and particularly to this conference, has been immeasurable. We wish him the best.

The conference hosted its eighth presentation on the topic of the unmet needs and impact of technology in a clinical area. Professor Jean-Marie Parel, from the Bascom Palmer Eye Institute at the University of Miami, a pioneer in the development of ophthalmic instruments and devices, and the founding Chair of the Ophthalmic Technologies Conference gave an insightful account of more than forty years of experience in the development of ophthalmic technology for clinical use.

We are very grateful to the Brien Holden Vision Institute in Sydney, Australia, for sponsoring the 2013 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 XXIV conference, which is scheduled for Saturday and Sunday, February 1–2, 2014 in San Francisco, California.

Fabrice Manns
Arthur Ho
Per G. Söderberg

13th Pascal Rol Award for Excellence in Ophthalmic Technologies
Supported by the Brien Holden Vision Institute
through the Pascal Rol Foundation

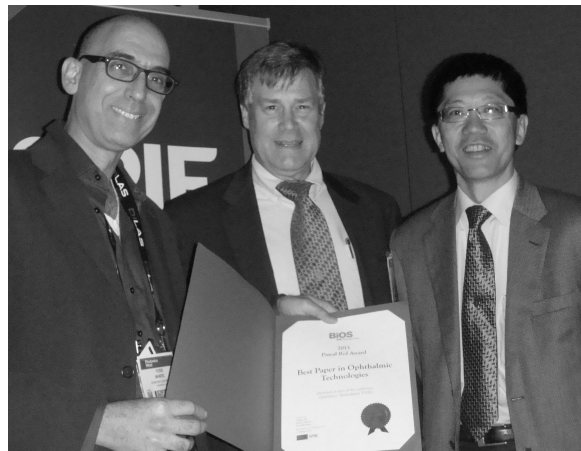


Presented on February 3, 2013 to

Yossi Mandel

for his excellent paper on

"In-vivo performance of photovoltaic subretinal prosthesis"



William Telfair (center) and Arthur Ho (right) present the 2013 Pascal Rol Award to Yossi Mandel (left).

Past awardees

| | | |
|-------------|--------------------------|---|
| 2012 | Clemens Alt | <i>In vivo quantification of microglia dynamics with an SLO in a mouse model of focal laser injury [8209-6]</i> |
| 2011 | James Loudin | <i>Photovoltaic Retinal Prosthesis [7885-37]</i> |
| 2010 | Daniel Hammer | <i>Multimodal adaptive optics for depth enhanced high-resolution ophthalmic imaging [7550-35]</i> |
| 2009 | Kazuhiro Kurokawa | <i>1μm wavelength adaptive optics scanning laser ophthalmoscope [7163-17]</i> |
| 2008 | Boris Povazay | <i>Minimum distance mapping using volumetric OCT: A novel indicator for early glaucoma diagnosis [6844-12]</i> |
| 2007 | Yoshiaki Yasuno | <i>Clinical examinations of anterior eye segments by three-dimensional swept-source optical coherence tomography [6426-29]</i> |
| 2006 | Enrique Fernandez | <i>Adaptive optics using a liquid crystal spatial light modulator for ultrahigh-resolution optical coherence tomography [6138-33]</i> |
| 2005 | Karsten König | <i>Cornea surgery with nanojoule femtosecond laser pulses [5688-49]</i> |
| 2004 | Daniel Palanker | <i>Attracting retinal cells to electrodes for high-resolution stimulation [5314-50]</i> |
| 2003 | Igor Ermakov | <i>Non-invasive optical techniques for the measurement of macular pigments [4967-27]</i> |
| 2002 | Georg Schuele | <i>Non-invasive temperature measurements during laser irradiation of the retina with optoacoustic techniques [4611-46]</i> |
| 2001 | Matthew Smith | <i>Minimizing the influence of fundus pigmentation on retinal vessel oximetry measurements [4245-17]</i> |

The 2013 Pascal Rol Lecture on Ophthalmic Technologies
Saturday February 3, 2013



Professor Jean-Marie Parel, Ing ETS-G, PhD,
Ophthalmic Biophysics Center
Bascom Palmer Eye Institute, University College of Miami, FL

***How biophysics and bioengineering changed patient care at
Bascom Palmer Eye Institute and elsewhere***

The Pascal Rol Lecture on Ophthalmic Technologies" is presented by a leading researcher in ophthalmology with a strong interest and pioneering research contributions to the field of ophthalmic technologies. This invited lecture is intended to trigger further development of ophthalmic technologies by stimulating discussions between basic scientists, engineers, and clinicians.

The 2013 lecture was supported by the Brien Holden Vision Institute through the Pascal Rol Foundation (www.pascalrolfoundation.org)



Brien Holden Vision Institute