



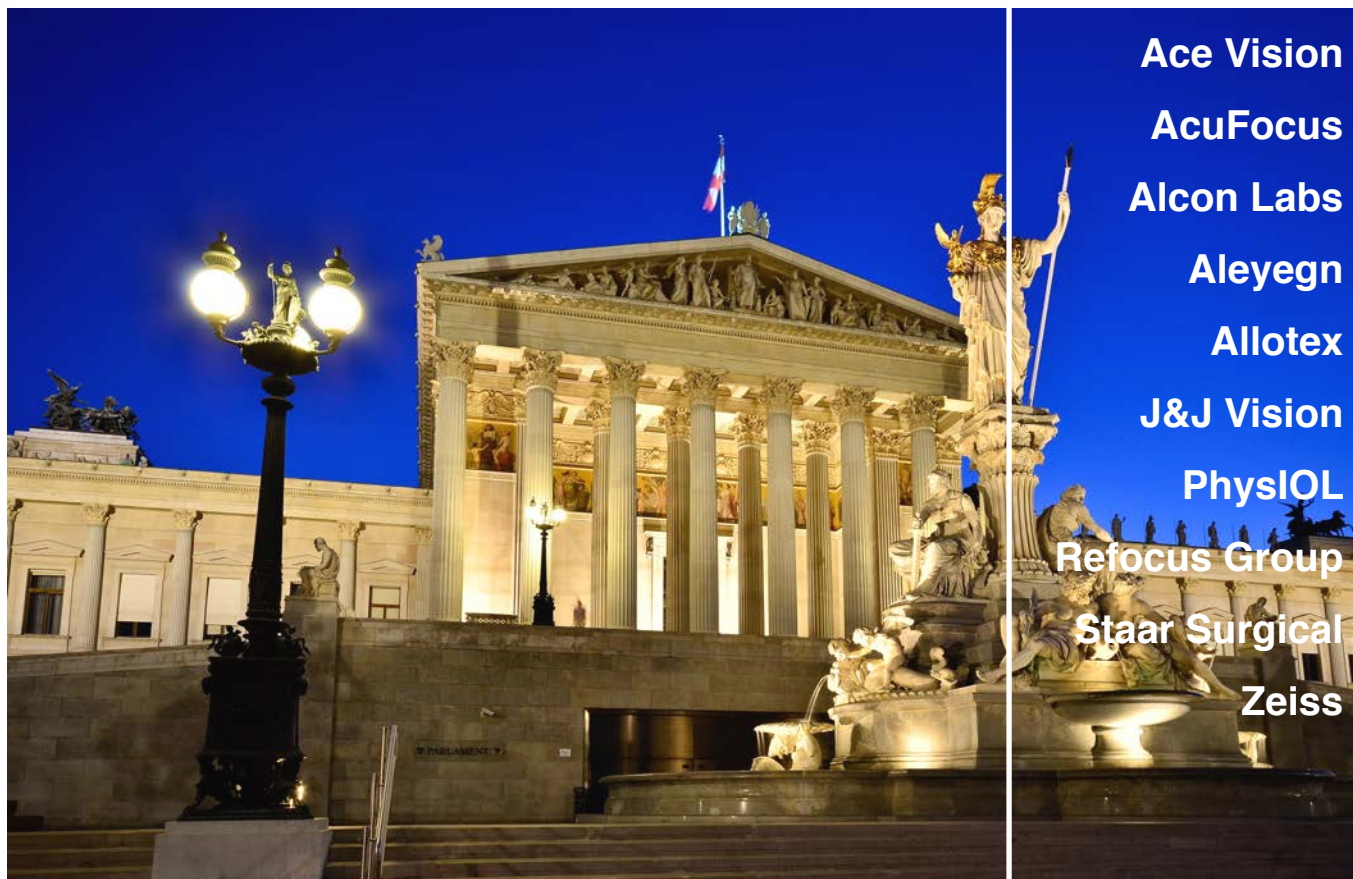
International Society of Presbyopia

September 21, 2018
MuTH Concert Hall
Vienna Austria

VIENNA AUSTRIA
PRESBYOPIA

2018

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2018 ISOP Program

FRIDAY, SEPTEMBER 21, 2018

8:00 - 8:02 **Welcome**

Daniel Neal, PhD

8:02 - 8:05 **Acknowledgements**

Keith Holliday, PhD

SESSION I:

Presbyopic Vision Measurement & Simulation

Moderator: *Daniel Neal, PhD, Susana Marcos, PhD*

8:05 - 8:15 TBD

8:15 - 8:25 **On Bench Simulations of Multifocal IOL Performance**

Maria S. Milan, PhD

8:25 - 8:35 **Simulating Presbyopic Corrections with a Headmounted Binocular Simultaneous Vision Simulator**

Maria Vinas, PhD

8:35 - 8:45 **Intraocular Disparity and Binocular Summation**

Kurt Moody, PhD

8:45 - 8:51 **Obtaining Depth of Field with Mono-focal IOL Using a New Biometric Formula, Principle and Results**

Paulo Vinciguerra, MD

8:51 - 8:58 **Open Discussion**

SESSION II:

Extended Depth of Field Approaches

Moderator: *Keith Holliday, PhD*

8:58 - 9:08 **Standards for Extended Depth of Field IOLs**

Sanjeev Kasthurirangan, PhD

9:08 - 9:18 **Acufocus IC8**

Sathish Srinivasan, MD

9:18 - 9:28 **The EDOF ICL**

Robert Ang, MD

9:28 - 9:38 **LASIK EDOF**

Dan Reinstein, MD

9:38 - 9:44 **Binocular Asphericity Modulation Laser Treatment for Presbyopia Compensation: Basic Key and Future Prospect**

Charles Ghenessia, PhD

9:44 - 9:54 **Optical and Clinical Characteristics of a Novel Monofocal EDF IOL**

Mark Packer, MD

9:54 - 10:04 **Corneal Allografts for Presbyopia Corrections**

Michael Mrochen, PhD

10:04 - 10:14 **Open Discussion**

10:14 - 10:34 **Coffee Break**

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SESSION III:

Multifocal Approaches

Moderator: Susana Marcos, PhD,
Daniel Neal, PhD

- 10:34 - 10:44 **FineVision Trifocal IOLs: Measuring and Modulating Chromatic Aberration**
Damien Gatinel MD, PhD
- 10:44 - 10:54 **New insights on the Panoptix IOL**
Raj Surjakumar, BSOptom, PhD
- 10:54 - 11:04 **Zeiss AT-Lisa: Clinical Evaluation of a MF IOL**
Steven Schallhorn, MD
- 11:04 - 11:14 **Effect of Angle Kappa in Distance Performance for Diffractive Presbyopia Correcting IOLs**
Aixa Alarcon, PhD
- 11:14 - 11:20 **The Presbia Flexivue Microlens: USA FDA Trial Personal Results-36 Months**
Karl Stonecipher, MD
- 11:20 - 11:26 **Presbyopic Optical Approach In Soft Contact Lenses**
Kurt Moody, PhD
- 11:26 - 11:33 **Open Discussion**

SESSION IV:

Case Study Debates

Moderator: Keith Holliday, PhD

- 11:33 - 11:37 52 Year Old Male with -3.00D Myopia
RLE with MF IOL
- 11:37 - 11:41 52 Year Old Male with -3.00D Myopia
Custom LASIK Monovision
- 11:41 - 11:45 **Open Discussion**
- 11:45 - 11:49 Case Study
- 11:49 - 11:53 Case Study
- 11:53 - 11:57 **Open Discussion**
- 11:57 - 13:12 **Luncheon for all attendees**

SESSION V:

Presbyopia Products: From the Brain to the Eye

Moderator: Keith Holliday, PhD

- 13:12 - 13:22 **Inspiration then Perspiration**
Keith Holliday, PhD
- 13:22 - 13:32 **Financial Feasibility**
Michael Lachman
- 13:32 - 13:42 **Regulatory Approvals Including New European Rules**
TBD

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13:42 - 13:52 **Marketing a New Presbyopic Product**
Yari Mitchell

13:52 - 14:02 **Incorporation of a New Presbyopic Product in a Clinic**
Detlev Breyer, MD

SESSION VI: Controversies in Presbyopia

Moderator: *Keith Holliday, PhD*

14:02 - 14:10 **Corneal Correction of Presbyopia Didn't Work**
Julian Stevens, MD

14:10 - 14:18 **Corneal Correction of Presbyopia is Alive and Well**
Robert Ang, MD

14:18 - 14:26 **Debate**

SESSION VII: Fundamentals of Crystalline Lens Accommodation

Moderator: *Satish Herekar*

14:26 - 14:34 **Dynamic Imaging of Accommodation with OCT**
Marco Ruggeri, PhD

14:34 - 14:40 **CL Accommodation: Insights from Kejako**
Michael Assouline, MD, PhD

14:40 - 14:50 **Accommodation and Presbyopia: Aging Changes of the Ciliary Muscle, Ciliary Process' and the Lens**
Mary Ann Croft, MS

14:50 - 15:02 **Measurement of Accommodation**
Adrian Glasser, PhD

15:02 - 15:17 **Fundamentals of Accommodation**
Jackson Coleman, MD

15:17 - 15:27 **Open Discussion**

15:27 - 15:42 **Coffee Break**

SESSION VIII: Advances in Restoration of Accommodation

Moderator: *Satish Herekar*

15:42 - 15:50 **Phacotripsy & Presbytripsy- A New Paradigm for Restoration**
Axi Holmström

15:50 - 15:58 **Presbyopia Restoration Treatment Planning**
Harald Studer, MD

2018 ISOP Program

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15:58 - 16:08 **Presbyopia Corrections with
2 New Devices: Clinical Results**
Pavel Stodulka, MD

16:08 - 16:16 **Finite Element Analysis of Effects
of scleral Therapy on Biomechanics
of Accommodation:**
**Accommodation Restoration the
New Frontier in Ophthalmology**
AnnMarie Hipsley, DPT, PhD

16:16 - 16:24 **Accommodative Improvements
and Biomechanical Changes in
Macaque Non-Human Primates
after Laser Scleral Microporation**
Jodbir Mehta, MD

16:24 - 16:34 **Scleral Implants for Presbyopia
Treatment: Analysis of
Subsample of Patients at
24 Months**
Barrie Soloway, MD

16:34 - 16:42 **Suppression of Presbyopia
Progression with Pirenoxine
Eye Drop**
Kazuno Negishi, MD

16:42 - 16:52 **Open Discussion**

SESSION IX: Accommodating IOLs

Moderator: *Keith Holliday*

16:42 - 17:02 **AkkoLens' Lumina AIOL: Implantable
in the Sulcus OR the Capsular bag!**
Michiel Rombach, PhD

17:02 - 17:12 **Enabling Techniques for AIOLs: In
Vivo Capsular Bag Quantification
and Pheotobonding-Based
Engagement**
Susana Marcos, PhD

17:12 - 17:20 **Open Discussion**

17:20 - 17:25 **Closing Remarks**

17:25 - 18:35 **Reception**