



European Symposium
31 May – June 3, 2018
Radisson Blu Hotel - Berlin

Program Chair:
Dan Reinstein, MD

Planning Committee:
Lucio Buratto, MD
Arthur B. Cummings, MD
Sheraz Daya, MD
Prof. H Burkhard Dick, MD
Aylin Kilic, MD
William Link, PhD
Erik Mertens, MD
Tobias Neuhann, MD

THURSDAY, 31 MAY

18:30 – 20:30 AECOS Reception and Exhibits

FRIDAY, 01 JUNE

OPENING SESSION

07:30	Exhibits and coffee	
08:30	Welcome and Update on AECOS Europe	Burkhard Dick, MD <i>President, AECOS Europe</i>
08:40	Update on AECOS Global Charities	John Vukich, MD
08:50	Historical Significance of Berlin in Ophthalmology	Ronald Gerste, MD
09:00	Evolution of the Lens: Still Space for Improvement?	Christoph Faschinger, MD
09:10	Ophthalmic Surgery in Animals	Stefan Kindler, MD

SESSION 1: AECOS INNOVATION FORUM – The Shark Tank
(4 min to present, 4 min discussion)

Audience votes: YES NO or TOO EARLY TO TELL

Moderators: Erik Mertens, MD and Jorge Alio, MD

Panel: Arthur Cummings MD, Sheraz Daya MD, Burkhard Dick MD

09:20	Robotics in Ophthalmic Surgery (via Skype)	Koen Willekens, MD
09:28	Assessing Multifocal IOLs: Bridging the Gap from Lab to Clinical Practice	Joaquin Fernandez, MD

**Indicates Live Streaming Session to all AECOS Members*

09:36	Binocular Adaptive Optics IOL Simulator	Susana Marcos, PhD
09:44	A Full-Featured Smartphone-Based Corneal Topography System	David Wallace, MD
09:52	Micro-interventional cataract surgery: Back to the future...and beyond phaco	William Wiley, MD
10:00	A New Technology to Avoid Refractive Surprise in Cataract Surgery	Alan Faulkner, MD
10:08	New MIGS on the Block: Versatility with a Dual Procedure	Blake Williamson, MD
10:16	Nanophaco	John Kanellopoulos, MD
10:24	Discussion: Overview of Innovations Presented	Moderators
10:30	Keynote: My Business and Clinical Pathway Pearls to Integrate Dry Eye Care and Make It a Great Success	Sheri Rowen, MD
10:40	Discussion: Current State of Dry Eye Diagnosis and Treatment in Europe. How Does it fit Into the Modern Practice?	Moderators/Panel
11:00	Break	
11:20	SESSION 2: MEDICAL LEGAL ISSUES <i>Moderators: Arthur Cummings, MD and Matthias Elling, MD</i> <i>Panel: Alan Reider (US Attorney), Michael Zach (European Attorney), John Doane MD</i>	
	<ul style="list-style-type: none">• Bilateral Intraocular Surgery• Hydrophilic Acrylate Opacification and Indications for Use of IOLs• Laser Cataract Surgery in Complex Cases – Contraindications?	
12:10	Break for Lunch	
12:30 - 13:15	Lunchtime Symposium Concepts for Improving Patient Outcomes <i>Sponsored and Produced by Johnson & Johnson Vision</i> <i>Speakers: Rishi Hazarika MD and Erik Mertens MD</i> <i>*Streamed Live from AECOS 2018 European Symposium!</i> Register here (if not attending in person): http://avenue.live/jjv	
	SESSION 3: PERSONALIZED MEDICINE <i>Moderators: Burkhard Dick, MD and John Marshall, PhD</i> <i>Panel: Samer Hamada MD, Rohit Shetty MD, William Wiley MD</i>	
13:25	Gene Editing for Corneal Disease	Tara Moore, PhD
13:35	Corneal Epithelial Predictive Modeling	Hartmut Vogelsang, PhD
13:45	Refractive Index Change with Femtosecond Laser	Martina Plisova, PhD
13:55	Capsular Surgery Innovations	Richard Packard, MD
14:05	Discussion	

***SESSION 4: VIDEO GRAND ROUNDS: Managing Today's Complications in
Laser Vision Correction**

Moderators: Francesco Carones, MD and William Trattler, MD

Panel: Detlev Breyer MD, Erik Mertens MD, Samuel Levinger MD

14:20	SMILE	Walter Sekundo, MD
14:30	Upgrading Topo-Guided LASIK by Topography Modified Refraction	John Kanellopoulos, MD
14:40	SMILE Complication Management	Sri Ganesh, MD
14:50	Minimal Overlap SMILE	Fernand De Wilde, MD

15:00 **Break**

15:25 ***SESSION 5: THE JUDGEMENT DAY** (20 min each topic)

Judge: The Honorable John Marshall, PhD

Jury: Burkhard Dick MD, Richard Packard MD, Walter Sekundo MD, John Vukich MD

Endophthalmitis After Cataract Surgery. Should Intracameral Be Used?

15:30	<u>Pro:</u> Jorge Alio, MD
15:35	<u>Con:</u> Thomas Ness, MD
15:40	Discussion

Vitreous Floater Treatment: YAG Vitreolysis

15:50	<u>Pro:</u> Feike Gerbrandy, MD
15:55	<u>Con:</u> Ronald Gerste, MD
16:00	Discussion

16:10 **LIFETIME ACHIEVEMENT LECTURE**
The History of the Excimer Laser

Intro: Dan Reinstein, MD
Eckhard Schroeder, PhD

16:30 **AECOS Adjourns. Refreshments in the Exhibit Area**

18:00 – 21:00 **Promotional Event: "Experience the ZEISS Brand"**
A "Zeiss 360" event Sponsored and Produced by Zeiss
(10 min walk - meet Zeiss representatives in lobby at 17:45 to participate)

21:30 **AECOS Global Charities Reception** (DOM Lounge, Radisson Blu)

SATURDAY, 02 JUNE

07:30 Exhibits and coffee

08:15 Update on AECOS America

John Doane, MD
President, AECOS Americas

SESSION 6: THE BEST OF THE BEST

A Discussion on Surgeon-led vs Corporate Practices

Moderators: Erik Mertens, MD and Dan Reinstein, MD

Panel: Allon Barsam MD, Amanda Cardwell-Carones, Mark Kontos MD

08:25	Surgeon Led Practice	Sheraz Daya, MD Stefanie Schmickler, MD
08:45	Corporate/Private Equity Led Practice	Joern Joergenson, MD Prof. Zheng Wang, MD
09:05	Advantages and Challenges of Managing a Chain of Eye Hospitals	Dandapani Ramamurthy, MD
09:15	Discussion	
09:20	Industry Panel <u>Moderator:</u> William Link, PhD Issues and Opportunities Facing Industry Today in Europe <u>Panel:</u> Hans Blickensdoerfer, Michael Onuscheck, Steven Schallhorn MD, Rolf Schwind, Jonathan Talamo MD	

SESSION 7: PRESBYOPIA

Moderators: Gerd Auffarth, MD and Kevin Waltz, MD

Panel: Robert Maloney MD, Stephen Slade MD, Pavel Stodulka MD

10:00	Presbyopia and Quality of Vision	Andrzej Grzybowski, MD
10:10	Presbyopia Correction: Patient Assessment	Arthur Cummings, MD
	The Presbyopia Championship Corneal Laser Refractive Surgery vs Refractive Lens Exchange	
10:20	<u>Patient:</u> Why I Chose Laser Refractive Surgery	Robert Morris, MD
10:25	<u>Surgeon:</u> Why I Chose Laser Refractive Surgery in this Case	Dan Reinstein, MD
10:30	Discussion	
10:35	<u>Patient:</u> Why I Chose a Presbyopia Correcting Lens	Sheri Rowen, MD
10:40	<u>Surgeon:</u> How I Choose a Presbyopia Correcting Lens	Jorge Alio, MD
10:45	Discussion	
10:50	<u>Keynote:</u> Errors in Anterior Segment Surgery	John Marshall, PhD
11:00	Break	

SESSION 8: MARKET REPORT – WILL THESE TECHNOLOGIES SURVIVE?

Moderators: Tobias Neuhaus, MD and Mark Kontos, MD

Panel: Sheraz Daya MD, Aylin Kilic MD, Robert Maloney MD

11:20	Keynote: MIGs in Europe Today: Barriers vs Opportunities	Keith Barton, MD
11:30	Keynote: Corneal Inlays in Europe Today	Arthur Cummings, MD
11:40	Discussion	
12:00	Break for Lunch	
12:15 – 13:00	Lunchtime Symposium: Exploring Patient Selection and Practical Application of the IC-8[®] Small Aperture IOL Sponsored and Produced by AcuFocus Moderator: Prof. H. Burkhard Dick, MD Panelists: Gerd Auffarth MD, Stephanie Schmickler MD, Kevin Waltz MD *Streamed Live from AECOS 2018 European Symposium! Register here (if not attending in person): http://avenue.live/acufocus	

SESSION 9: NEW COSMETIC PROCEDURES

Moderators: Erik Mertens MD and Mitchell Jackson, MD

Panel: Aylin Kilic MD, Zoltan Nagy MD, Julian Stevens MD

13:15	Iris Color Change	Gregg Homer, PhD
13:25	Aesthetic Eye Rejuvenation	Christine Dierickx, MD
13:35	Dealing With Dissatisfied Patients and Outcomes	Eckart Knoche, MD
13:45	Discussion	
14:00	Introduction of the Joseph Colin Award JOSEPH COLIN AWARD LECTURE: <i>"The Early Adopter"</i>	Burkhard Dick, MD Stephen Slade, MD

***SESSION 10: BREAKING NEWS**

Final Clinical Study Data - Presented for the First Time

Moderators: Sheraz Daya, MD and Burkhard Dick, MD

Panel: Jorge Alio MD, John Kanellopoulos MD, William Link PhD

14:20	Allograft Onlays & Inlays: First Clinical Results	Michael Mrochen, PhD
14:30	Epi-ON PiXL: Prospective, Controlled Clinical Trial Outcomes	Matthias Elling, MD
14:40	Zepto Capsulotomy: Brand New Insights	Kevin Waltz, MD
14:50	Capsule Parameter after CAPSULaser Treatment versus Capsulorhexis: Results from a Clinical Trial	Richard Packard, MD

14:56	Light Adjustable Lens: Longterm Safety and Current Status	Tim Schultz, MD
15:02	Symphony vs IC-8: Final Results	Merita Schojai-Schultz, MD
15:12	Primary Posterior Laser Capsulotomy: 2 Years Outcomes	Ana Robles, MD
15:18	Medicem IOL Multicenter Trial: 6 Months Results	Pavel Stodulka, MD
15:28	Session Discussion	
15:45	<i>Change Moderators/Panel</i>	

SESSION 11: THE JUDGEMENT DAY

Judge: The Honorable John Marshall, PhD

Jury: Gerd Auffarth MD, Francesco Carones MD, John Doane MD, John Kanellopoulos MD

15:50	Corneal Cross-Linking <u>Pro Epi-On:</u> William Trattler, MD <u>Con/Against Epi-On:</u> Prof. Theo Seiler, MD	
16:10	Multifocal (including EDOF) vs Monofocal <u>Pro:</u> Milind Pande, MD <u>Con:</u> Anja Liekfeld, MD	
16:30	AECOS Adjourns. Refreshments in the Exhibit Area	
18:30 - 22:30	AECOS Reception and Annual Awards Dinner - <i>Buses depart Radisson Blu at 18:00 for <u>Classic Remise</u> Event Venue, Berlin.</i>	

SUNDAY, 03 JUNE

07:30	Exhibits and coffee	
08:30	2017 AECOS European Research Award: Project Report <i>"Diabetic Retinopathy Screening via Tear Film Biomarker"</i>	Stephanie Joachim, MD
08:40	2018 AECOS European Research Award Presentation <u>Project Overview</u>	Burkhard Dick, MD Sven Schnichels, MD
08:55	SESSION 12: VIDEO GRAND ROUNDS: Managing Today's Complications with Lenses and Corneal Inlays (10 min ea including discussion) <u>Moderators:</u> Francesco Carones, MD and Tobias Neuhann, MD <u>Panel:</u> Laslo Kiraly MD, Dandapani Ramamurthy MD, Julian Stevens MD	
09:00	That's Not Supposed to Happen . . .	Sheraz Daya, MD
09:10	Multifocal Lens Implantation after Refractive Laser Surgery	Samuel Levinger, MD

**Indicates Live Streaming Session to all AECOS Members*

09:20	Creation of Pupil in Aphakic Eye after 20 Years followed by IOL Implantation	Ashraf Armia, MD
09:30	Small Pupil Management	Christopher Wirbelauer, MD
09:40	Managing a Disrupted Laser Cataract Surgery Case	Detlev Breyer, MD
09:50	Negative Dysphotopsia First Eye, What to Do for Second Eye?	Tobias Neuhann, MD
10:00	Pulsed vs Continuous Light Accelerated CXL: What is Best and For What Price?	Miguel Rechichi, MD
10:10	Keynote: Innovations in Keratoconus Treatment	Pavel Stodulka, MD
10:20	Discussion	
SESSION 13: THE BEST LESSONS I LEARNED		
<i>Moderators: Arthur Cummings, MD and Milind Pande, MD</i>		
<i>Panel: Tobias Neuhann MD, Dan Reinstein MD, William Wiley, MD</i>		
10:45	My Worst Refractive Complication	Suphi Taneri, MD
10:55	Fluid Vision: All In & Out	Tim Schultz, MD
11:05	Refractive Surgery in Nanophthalmic Eye	Dandapani Ramamurthy, MD
11:15	Discussion	
Lessons I Learned for Posterior Chamber Phakic IOL Sizing: What I Do?		
11:30	Takashi Kojima, MD	
11:35	Erik Mertens, MD	
11:40	Tobias Neuhann, MD	
11:45	Discussion	
SESSION 14: FEMTO CATARACT SURGERY AND BEYOND		
<i>Moderators: Arthur Cummings, MD and Zoltan Nagy, MD</i>		
<i>Panel: John Doane MD, Richard Packard MD, Julian Stevens MD</i>		
12:00	Multifocal in Post LASIK Eyes	Sheraz Daya, MD
12:10	Current State of Femtosecond Lasers in Cataract Surgery <ul style="list-style-type: none">- Percentage of Use in Europe, Economics	Seba Leoni
12:20	Synergy of Providing Two Different Capsulotomy Techniques <ul style="list-style-type: none">- What would you like to improve? What's on your wish list?	Florian Kretz, MD
12:30	Free-floating FCS Capsulotomy as Protection for Compromised Endothelium	Tobias Neuhann, MD

12:40	Biometry in post LASIK eyes: How far can we go?	Gerd Auffarth, MD
12:50	The Role of Epithelium in IOL Calculations for Post LASIK Patients	Dan Reinstein, MD
13:00	What is coming? What do we have to be concerned about in the future? How does cataract surgery look in 20 years?	Panel
13:30	Closing Comments, AECOS Adjourns	Burkhard Dick, MD Dan Reinstein, MD