Final Rev PM 30 May 2018
Subject to modification (as necessary)

AECOS American-European Congress of Ophthalmic Surgery

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** *President, AECOS Europe*
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**

***Moderators:* Arthur Cummings, MD and Matthias Elling, MD**

***Panel:* Alan Reider (US Attorney), Michael Zach (European Attorney), John Doane MD**

- **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

Sponsored and Produced by Johnson & Johnson Vision

Speakers: Rishi Hazarika MD and Erik Mertens MD

****Streamed Live from AECOS 2018 European Symposium!***

Register here* (if not attending in person): *http://avenue.live/jjv

SESSION 3: PERSONALIZED MEDICINE

***Moderators:* Burkhard Dick, MD and John Marshall, PhD**

***Panel:* Samer Hamada MD, Rohit Shetty MD, William Wiley MD**

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 Intracamerals Be Used?

15:30	**Pro: Jorge Alio, MD**
15:35	**Con: Thomas Ness, MD**
15:40	**Discussion**

Vitreous Floater Treatment: YAG Vitreolysis

15:50	**Pro: Feike Gerbrandy, MD**
15:55	**Con: Ronald Gerste, MD**
16:00	**Discussion**

16:10	**LIFETIME ACHIEVEMENT LECTURE**	**Intro: Dan Reinstein, MD**
	The History of the Excimer Laser	**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***

****Indicates Live Streaming Session to all AECOS Members***

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**

Moderator: ***William Link, PhD***
Issues and Opportunities Facing Industry Today in Europe
Panel: ***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	**Patient: Why I Chose Laser Refractive Surgery**	**Robert Morris, MD**
10:25	**Surgeon: Why I Chose Laser Refractive Surgery in this Case**	**Dan Reinstein, MD**
10:30	**Discussion**	
10:35	**Patient: Why I Chose a Presbyopia Correcting Lens**	**Sheri Rowen, MD**
10:40	**Surgeon: How I Choose a Presbyopia Correcting Lens**	**Jorge Alio, MD**
10:45	**Discussion**	
10:50	**Keynote: Errors in Anterior Segment Surgery**	**John Marshall, PhD**

11:00 **Break**

Indicates Live Streaming Session to all AECOS Members

SESSION 8: MARKET REPORT – WILL THESE TECHNOLOGIES SURVIVE?

***Moderators:** Tobias Neuhann, 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**	**Burkhard Dick, MD**
	JOSEPH COLIN AWARD LECTURE:	
	"The Early Adopter"	**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**

Indicates Live Streaming Session to all AECOS Members

14:56	**Light Adjustable Lens: Longterm Safety and Current Status**	**Tim Schultz, MD**
15:02	**Symfony 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	***Change Moderators/Panel***	

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**
Pro Epi-On: William Trattler, MD
Con/Against Epi-On: Prof. Theo Seiler, MD

16:10 **Multifocal (including EDOF) vs Monofocal**
Pro: Milind Pande, MD
Con: Anja Liekfeld, MD

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

18:30 - 22:30 **AECOS Reception and Annual Awards Dinner**
- ***Buses depart Radisson Blu at 18:00 for Classic Remise Event Venue, Berlin.***

SUNDAY, 03 JUNE

07:30 **Exhibits and coffee**

08:30 **2017 AECOS European Research Award: Project Report**
"Diabetic Retinopathy Screening via Tear Film Biomarker" **Stephanie Joachim, MD**

08:40 **2018 AECOS European Research Award Presentation** **Burkhard Dick, MD**
Project Overview:
"Lipid DNA-Nanoparticles for the Improved Treatment of Dry Eye Disease" **Sven Schnichels, MD**

08:55 **SESSION 12: VIDEO GRAND ROUNDS: Managing Today's Complications with Lenses and Corneal Inlays** ***(10 min ea including discussion)***
Moderators: Francesco Carones, MD and Tobias Neuhann, MD
Panel: 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

***Moderators:** Arthur Cummings, MD and Milind Pande, MD*
***Panel:** Tobias Neuhann MD, Dan Reinstein MD, William Wiley, MD*

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

***Moderators:** Arthur Cummings, MD and Zoltan Nagy, MD*
***Panel:** John Doane MD, Richard Packard MD, Julian Stevens MD*

12:00	**Multifocal in Post LASIK Eyes**	**Sheraz Daya, MD**
12:10	**Current State of Femtosecond Lasers in Cataract Surgery** - **Percentage of Use in Europe, Economics**	**Seba Leoni**
12:20	**Synergy of Providing Two Different Capsulotomy Techniques** - **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**

Indicates Live Streaming Session to all AECOS Members

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**

Indicates Live Streaming Session to all AECOS Members