European Summer 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  Evolution of the Lens: Still Space for Improvement?
Christoph Faschinger, MD

09:00  Historical Significance of Berlin in Ophthalmology
Ronald Gerste, 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  
Peter Stalmans, MD

09:28  Assessing MFIOLs: Bridging the Gap from Lab to Clinical Practice
Joaquin Fernandez, MD

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!  Sean Ianchulev, MD
10:00  Nanophaco  John Kanellopoulos, MD
10:08  A New Technology to Avoid Refractive Surprise in Cataract Surgery  Alan Faulkner, MD
10:16  New MIGS on the Block: Versatility with a Dual Procedure  Blake Williamson, 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

**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**  
*Sponsored by Johnson & Johnson Vision*

**SESSION 3: PERSONALIZED MEDICINE**
*Moderators: Burkhard Dick, MD and John Marshall, PhD*
*Panel: Samer Hamada MD, Fritz Hengerer MD, Rohit Shetty MD*

13:25  Healing Corneal Diseases with Stem Cells  Tara Moore, MD
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

15:30   SESSION 5: THE JUDGEMENT DAY  (20 min each topic)
       Judge: The Honorable John Marshall, PhD
       Jury: Burkhard Dick MD, Matteo Piovella MD, Richard Packard MD, John Vukich MD

   Endophthalmitis After Cataract Surgery. Should Intracameral Be Used?
   Pro: Jorge Alio, MD
   Con: Thomas Ness, MD

   Vitreous Floater Removal: YAG Vitreolysis
   Pro: Inder Paul Singh, MD
   Con: Joachim Van Calster, MD

16:10   LIFETIME ACHIEVEMENT AWARD
       The History of the Excimer Laser
       Intro: Dan Reinstein, MD
       Eckhard Schroeder, PhD

16:30   AECOS Adjourns. Refreshments in the Exhibit Area

21:30   AECOS Global Charities Reception

SATURDAY, 02 JUNE

07:30   Exhibits and coffee

08:30   Update on AECOS America                               John Doane, MD
       President, AECOS Americas

08:40   SESSION 6: THE BEST OF THE BEST
       A Discussion on Surgeon-led vs Corporate Practices
       Moderators: Erik Mertens, MD and Rory Passmore, MD
       Panel: Allon Barsam MD, Amanda Cardwell-Carones, Guy Kezirian MD, Mark Kontos MD

       Surgeon Led Practice                                                   Sheraz Daya, MD
       Stefanie Schmickler, MD

       Corporate/Private Equity Led Practice                                  Joern Joergenson, MD
       Prof. Zheng Wang, MD

       Advantages and Challenges of Managing a Chain of Eye Hospitals        Dandapani Ramamurthy, MD
09:20 Industry Panel
Moderator: William Link, PhD
Issues and Opportunities Facing Industry Today in Europe
Panel: Michael Onuschkeck, Steven Schallhorn MD, Rolf Schwind, Jonathan Talamo MD

SESSION 7: PRESBYOPIA
Moderators: Gerd Auffarth, MD and Kevin Waltz, MD
Panel: Matteo Piovella 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
10:20 The Presbyopia Championship
Corneal Laser Refractive Surgery vs Refractive Lens Exchange

- Patient: Why I Chose Laser Refractive Surgery Robert Morris, MD
  Surgeon: Why I Chose Laser Refractive Surgery in this Case Dan Reinstein, MD

- Patient: Why I Chose a Presbyopia Correcting Lens Sheri Rowen, MD
  Surgeon: How I Choose a Presbyopia Correcting Lens Jorge Alio, MD

10:50 Keynote: Errors in Anterior Segment Surgery John Marshall, PhD
11:00 Break

SESSION 8: MARKET REPORT – WILL THESE TECHNOLOGIES SURVIVE?
Moderators: Tobias Neuhann, MD and Steven Vold, 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 by AcuFocus
Moderator: Prof. H. Burkhard Dick, MD
Panelists: Gerd Auffarth MD, Stephanie Schmickler MD, Sathish Srinivasan MD, Kevin Waltz MD
**SESSION 9: NEW COSMETIC PROCEDURES**  
*Moderators: Erik Mertens MD and Mitchell Jackson, MD*  
*Panel: Ina Conrad-Hengerer MD, Jennifer Loh MD, Zoltan Nagy MD*

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

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<td>14:20</td>
<td>Allograft Onlays &amp; Inlays: First Clinical Results</td>
<td>Michael Mrochen, PhD</td>
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<td>14:30</td>
<td>Epi-ON PiXL: Prospective, Controlled Clinical Trial Outcomes</td>
<td>Matthias Elling, MD</td>
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<td>14:40</td>
<td>Zepto Capsulotomy: Brand New Insights</td>
<td>Kevin Waltz, MD</td>
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<td>14:50</td>
<td>Light Adjustable Lens: Longterm Safety and Current Status</td>
<td>Tim Schultz, MD</td>
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<td>15:00</td>
<td>Symfony vs IC-8: Final Results</td>
<td>Merita Schojai-Schultz, MD</td>
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<td>15:10</td>
<td>Primary Posterior Laser Capsulotomy: 2 Years Outcomes</td>
<td>Ana Robles, MD</td>
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<td>15:20</td>
<td>Medicem IOL Multicenter Trial: 6 Months Results</td>
<td>Pavel Stodulka, MD</td>
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<td>Session Discussion</td>
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**SESSION 11: THE JUDGEMENT DAY**  
*Judge: The Honorable John Marshall, PhD*  
*Jury: Gerd Auffarth MD, Francesco Carones MD, John Doane MD, John Kanellopoulos MD*

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<td>15:50</td>
<td>Corneal Cross-Linking</td>
<td>William Trattler, MD</td>
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<td><strong>Pro Epi-On:</strong> William Trattler, MD</td>
<td><strong>Con/Against Epi-On:</strong> Prof. Theo Seiler, MD</td>
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<td>16:10</td>
<td>Multifocal (including EDOF) vs Monofocal</td>
<td>Milind Pande, MD</td>
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<td><strong>Pro:</strong> Milind Pande, MD</td>
<td><strong>Con:</strong> Anja Liekfeld, MD</td>
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<td>16:30</td>
<td>AECOS Adjourns. Refreshments in the Exhibit Area</td>
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SUNDAY, 03 JUNE

07:30  Exhibits and coffee

08:30  Report: 2017 AECOS European Research Award Winner
       Stephanie Joachim, MD

08:40  Presentation of the 2018 AECOS European Research Award
       Overview of the awarded research project
       Burkhard Dick, MD  TBA

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 Satish Srinivasan, MD
       Panel: Laslo Kiraly MD, Jennifer Loh MD, Steven Vold MD

09:00  That’s Not Supposed to Happen . . .
       Sheraz Daya, MD

09:10  Multifocal Lens Implantation after Refractive Laser Surgery
       Samuel Levinger, MD

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 Trattler, 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 Jaime Arambierrri, MD
11:45 Tobias Neuhann, MD

11:50 Discussion

SESSION 14: FEMTO CATARACT SURGERY AND BEYOND

Moderators: Arthur Cummings, MD and Zoltan Nagy, MD
Panel: John Doane MD, Richard Packard MD, William Trattler MD

12:10 Current State of Femtosecond Lasers in Cataract Surgery
- Percentage of Use in Europe, Economics

12:20 Synergy of Providing Two Different Capsulotomy Techniques
- What would you like to improve? What’s on your wish list?

12:30 Free-floating FCS Capsulotomy as Protection for Compromised Endothelium

12:40 New Technology for Management of Pre and Post Op Astigmatism
- What would you like to improve? What’s on your wish list?

12:50 Multifocal in Post LASIK Eyes

13:00 Biometry in post LASIK eyes: How far can we go?

13:10 The Role of Epithelium in IOL Calculations for Post LASIK Patients

13:20 What is coming? What do we have to be concerned about in the future?
How does cataract surgery look in 20 years?

13:30 Closing Comments, AECOS Adjourns

Burkhard Dick, MD
Dan Reinstein, MD