

PROGRAM: THURSDAY, APRIL 16TH

14:00 Registration

16:00–19:00 UNMET NEEDS IN RETINA: PIONEERING SOLUTIONS FOR THE FUTURE

In the upcoming panels, moderators will engage panelists in discussions on areas for improvement in clinical practice related to the topics.

16:00–16:35 CUTTING-EDGE VITRECTOMY Innovations in tools, techniques & illumination

Moderators: Donald D'Amico, Tommaso Rossi

Panel: Grazia Pertile, Colin McCannel, Andreas Stahl, Fanis Pavlidis

- Daniel Velasco (Alcon Management S.A.)
- **Extended IOP control during fluid's exchanges and closer, controlled access to retina** – Giovanni Penice (BVI Medical)
- Thomas Bosshard (Oertli Instrumente AG)
- Stéphane Maisonneuve (Bausch&Lomb)
- **Flow optimization for an even more efficient vitrectomy, TDC Veloce way** – Roeland Dijkema (Carl Zeiss Meditec AG)

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16:35 – 17:10

NEXT-GENERATION VISUALIZATION

Head-mounted display and super widefield visualization in retinal surgery

Moderators: Siegfried Priglinger, Mario Romano

Panel: Rodolfo Mastropasqua, Lyubomyr Lytvynchuk, Benedikt Schworm

- **Introduction** – Siegfried Priglinger

Head-Mounted Display (HMD)

- **Retinal Surgery Visualization with Head-Mounted Display** – Silvia Tumino (Carl Zeiss Meditec AG)
- **Leica HMD** – Christian Seel (Leica Mikrosysteme Vertrieb GmbH)

Widefield visualization

- **OCULUS BIOM® 6** – Lars Risby
- **Alcon Ngenuity 1.5** – Kiyono Nomura
- **B&L SeeLuma incl. iOCT** – Benedikt Wurm

Discussion

17:10 – 17:45

SMART RETINA

Moderators: Siegfried Priglinger, Martin Zinkernagel

Panel: Benedikt Schworm, Jakob Siedlecki, Martin Spitzer, Louisa Wickham

- **Introduction** – Siegfried Priglinger

AI FACE-OFF in MEDICAL RETINA: THREE CASES, THREE ANALYSES A case-based comparison of three AI systems interpreting nAMD and geographic atrophy

Case 1:

- **deepeye Medical GmbH** – Manuel Opitz
- **RetinAI** – Joseph Blair
- **RetInSight GmbH** – Oliver Leingang

Discussion

Case 2:

- **RetInSight** – Dr. Oliver Leingang
- **RetinAI** – Joseph Blair
- **DeepEye** – Manuel Opitz

Discussion

Implementing AI in ophthalmic care: from theory to practice – Douglas Runt

Discussion

Coffee and refreshments will be available from 17:30. Please feel free to help yourself at your convenience. The session in the main hall will continue without interruption.

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17:45–18:20 **ROBOTICS IN VITREORETINAL SURGERY: ARE WE READY?** **Rapid Fire Robotic VR Talk Show**

Moderators: Fanny Nerinckx, Koorosh Faridpooya

Participants will also have the opportunity to answer questions via live voting.

Panel: Matthias Becker, Lyndon da Cruz, Mohammad Nasser, Jasmina Kapetanovic

- **Introduction** – Fanny Nerinckx
- **Preceyes robot (Carl Zeiss Meditec AG)** – Matthias Becker, Jasmina Kapetanovic
- **Luca robot (Acusurgical)** – Fanny Nerinckx/Arnaud Tellier
- **Oculotronics robot** – Koorosh Faridpooya
- **Concentric tube robots for RPE cell transplantation** – Lyndon da Cruz
- **KSEC robot** – Khalid Al Sabti

18:20–18:55 **INNOVATIVE THERAPY AND DRUG DELIVERY** **Suprachoroidal, subretinal, PDS**

Moderators: Ehab El Rayes, David Steel

Panel: Carl Awh, Shohista Saidkasimova, Armin Wolf

- **Suprachoroidal buckles in retinal detachment** – Shohista Saidkasimova
- **Transconjunctival SCB approach** – Ehab El Rayes

Discussion

- **PDS** – Carl Awh
- **Suprachoroidal drug delivery** – Bruce Beckstein (MedOne Surgical, Inc.)
- **The importance of volume control in subretinal drug delivery** – Paulo Gaisinho Machado (Carl Zeiss Meditec AG)

18:55–19:00 Discussion

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08:00–12:00 LIVE SURGERY

Internationally renowned surgeons will showcase the intricacies of their surgical techniques during a live procedure from their operating rooms and engage in a panel discussion.

Moderator: Kourous Rezaei

08:00–10:00 Panel: Francesco Boscia, Aman Chandra, Mariantonia Ferrara, Roxane Hillier, Alistair Laidlaw, Grazia Pertile, Martin Spitzer, Ehab El Rayes

10:00–12:00 Panel: Nur Acar Gogcil, Ulrich Bartz-Schmidt, Nicole Eter, Francesco Faraldi, Madina Farziyeva, Heinrich Heimann, Robert Henderson, David Yorston

- **Essen:** Nikolaos Bechrakis
- **Leuven:** Peter Stalmans
- **Hong Kong:** Angie Fong
- **Munich 1:** Siegfried Priglinger, Flavio Rezende
- **Munich 2:** Vincenzo Ferrara, Siegfried Priglinger
- **Ferrara:** Marco Mura, Josè Vallejo
- **Rome:** Stanislao Rizzo, Tomaso Caporossi
- **Sulzbach:** Peter Szurman, Boris Stanzel, Karl Boden

Coffee and refreshments will be available from 10:00. Please feel free to help yourself at your convenience. The session in the main hall will continue without interruption.

12:00–13:00 WHAT'S NEW IN VITREORETINAL INTERFACE DISORDERS?

Moderators: David Steel, Carl Awh

Panel: Stratos Gotzaridis, Andrea Govetto, Julian Klaas, Hideyasu Oh, Siegfried Priglinger, Marcin Stopa

ILM-Flap: What's the evidence? – David Steel

Panel discussion

Tamponade-free FTMH surgery – My technique

1. Marcin Stopa
2. Stratos Gotzaridis

Panel discussion

Innovative approaches for large, persistent macular holes after previous ILM peeling

- **Macular Lift +/- Platelet Rich Plasma** – Siegfried Priglinger
- **Retinal Transplantation** – Grazia Pertile

Panel discussion

Pathophysiology and current treatment options of LMHs – Julian Klaas

Panel discussion

Macular pucker – Timing of surgery and biomarkers – Andrea Govetto

Panel discussion

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13:00–13:30 FOREVER CHEMICALS AND GREENHOUSE GASES

Moderators: *Mariantonia Ferrara, Mario Romano*

Panel: Ulrich Bartz-Schmidt, Stratos Gotzaridis, Grazia Pertile, Alistair Laidlaw

What do VR surgeons need to know?

- **EU EYE – EMA overview of the current situation and threats to current practice** – Mario Romano
- **What are the greenhouse gas effects of fluorinated gases** – Mariantonia Ferrara

How can we reduce the amount of fluorinated gases used?

- **Suprachoroidal viscopexy** – Stratos Gotzaridis
- **Which gas is better: SF₆, C₂F₆, C₃F₈?** – David Steel
- **Usage of multi-dose ocular gas to reduce environmental impact and PFAS use** – Peter Stalmans
- **Do I really need to use gas in retinal detachment Repair?** – Grazia Pertile

Panel discussion

13:30–14:30 Lunch & visit the industrial exhibition

14:30–15:20 HOW DO YOU DO IT

Moderator: *Ehab El Rayes*

Panel: Donald D'Amico, Claus Eckardt, Nicole Eter, José García Arumí, Stratos Gotzaridis, Carlos Mateo, Siegfried Priglinger

15:20–15:50 HIGH MYOPIA

Moderators: *José García Arumí, Şengül Özdek*

Panel: Carlos Mateo, Ulrich Bartz-Schmidt, Francesco Boscia, Peter Stalmans

- **Management of retinal detachment in high myopic eyes** – Francesco Boscia
- **Surgical management of high myopic macular holes** – José García Arumí
- **Treatment of pediatric high myopia-related macular hole retinal detachment** – Şengül Özdek
- **Pitfalls in the management of tractional myopic maculopathy** – Carlos Mateo

Panel discussion

15:50–16:20 NEW DEVELOPMENTS – STARTUP SOLUTIONS

What's going to change the way we treat our patients?

Moderators: *Lyndon da Cruz, Siegfried Priglinger*

Panel: Andrea Cusumano, Bence Gyoergy, Maximilian Hammer, Maurizio Mete, Thomas Wolfensberger

- **Modern vitreous replacement** – Max Hammer

Panel discussion

- **Optogenetics** – Bence Gyoergy

Panel discussion

- **RPE sheets** – Lyndon da Cruz

Panel discussion

- **Next-generation adaptive optics: A new horizon for early cellular diagnosis and advanced retinal therapies** – Andrea Cusumano

Panel discussion

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16:20–17:00 Coffee break & visit the industrial exhibition

17:00–17:30 GENE THERAPY

Moderators: Robert Henderson, Bart Leroy

Panel: Fanny Nerinckx, Lejla Vajzovic, Siegfried Priglinger, Ulrich Bartz-Schmidt

- **Assesing outcomes in gene therapy: Measures, limits, and failures** – Bart Leroy
- **Next-generation gene therapies: What's in trials and what's coming next** – Lejla Vajzovic
- **From hope to evidence: Long-term follow-up in pediatric gene therapy** – Siegfried Priglinger
- **Surgical pearls and pitfalls: What to do and what to avoid** – Robert Henderson

Panel discussion

17:30–18:00 EVIDENCE-BASED TIMING OF RHEGMATOGENOUS RETINAL DETACHMENT

Moderators: Roxane Hillier, David Yorston

Panel: Aman Chandra, Julian Klaas, Emilia Maggio

- **How urgent are RRDs** – David Yorston
- **New OCT biomarkers** – Emilia Maggio
- **When is a macula-off detachment off** – Julian Klaas
- **Temporising vitrectomy** – Aman Chandra

Panel discussion

18:00–18:30 TAMPONADE COMPLICATIONS

Intraoperative and postoperative complications

Moderators: Grazia Pertile, Thomas Wolfensberger

Panel: Nikolaos Bechrakis, Francesco Faraldi, Mario Romano

- **Prospective trial on silicone oil emulsification** – Mario Romano
- **Silicone oil related visual loss** – Grazia Pertile

Panel discussion

- **PFCL complications** – Thomas Wolfensberger
- **Gas complications** – Francesco Faraldi
- **Densiron complications** – Nikolaos Bechrakis

Panel discussion

19:30

Social event at Augustiner-Keller Munich (incl. shuttle)

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08:30–09:50 NEAR LIVE SURGERY

The surgeons will present extended segments of surgical videos with the aim of engaging in detailed discussions on the instrumentation and techniques employed.

Moderator: Donald D'Amico

Panel: José García Arumí, Lars Hattenbach, Robert Henderson, Roxane Hillier, Rodolfo Mastropasqua, Carlos Mateo, Colin McCannel, Hideyasu Oh, Zhao Peiquan, Grazia Pertile, Siegfried Priglinger

09:50–10:40 HOT SEAT VR SURGERY – WHAT WOULD BE YOUR NEXT MOVE?

Through carefully selected, step-by-step surgical video sequences, participants will be taken right into the operating room – facing real-life complications and decision points. At critical moments, the audience will be invited to answer interactive multiple-choice questions: “What would you do now?”

Moderators: Nikolaos Bechrakis, Heinrich Heimann

Panel: Lars-Olof Hattenbach, Umberto Lorenzi, Lyubomyr Lytvynchuk, Şengül Özdek

10:40–11:10 Coffee break & visit the industrial exhibition

11:10–11:30 PVR PROPHYLAXIS

Moderators: Boris Stanzel, Martin Zinkernagel

Panel: Andreas Stahl, Armin Wolf, Koen van Overdam, Tommaso Rossi

- **Proteomics and PVR: Can we predict re-detachment before it happens?** – Tommaso Rossi
- **Vitreoschisis and its role in PVR** – Koen van Overdam
- **Role of methotrexate in PVR treatment** – Boris Stanzel
- **New proposed PVR staging scheme** – Martin Zinkernagel

Panel discussion

11:30–12:00 RETINAL DETACHMENT: ONE CASE – DIFFERENT APPROACHES How would you do it?

Interactive Case Session: Cases will be presented with its baseline findings, followed by an audience vote on the preferred surgical approach. The results will then be discussed by the panel, highlighting different strategies and decision-making processes.

Moderators: Roxane Hillier, Shohista Saidkasimova

Panel: Nicole Eter, Fanny Nerinckx, Grazia Pertile, Lejla Vajzovic

- **Retinal Detachment in a Stickler patient**
“Mission Impossible: PVD” – Fanny Nerinckx
- **A PVR Medley** – Roxane Hillier
- **Morning Glory-associated Retinal Detachment** – Grazia Pertile
- **Post-traumatic Retinal Detachment** – Shohista Saidkasimova
- **Giant Retinal Tear Detachment** – Lejla Vajzovic

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12:00–12:30 SCLERAL-FIXATED IOLS MADE SAFER: TIPS AND TRICKS FOR CARLEVALE AND YAMANE TECHNIQUES

Learning from experts' failures: A video-based session on avoiding complications

Moderators: Shohista Saidkasimova, Fabio Patelli

Panel: Francesco Boscia, José García Arumí, Fanis Pavlidis, Jakob Siedlecki, Peter Szurman

- **Carlevale IOL** – Francesco Boscia, José García Arumí, Fabio Patelli
- **When Carlevale gets difficult: surgical rescue techniques** – Lars Hattenbach
- **Transtrocar intrascleral 27g IOL fixation** – Fanis Pavlidis
- **Yamane** – Shohista Saidkasimova, Jakob Siedlecki
- **Sutured IOL** – Martin Zinkernagel

IOL dislocation: anterior vs. full vitrectomy?

Panel discussion

12:30–13:00 AMNION AND DESCEMET MEMBRANE IN VR SURGERY

Moderators: Francesco Boscia, Grazia Pertile

Panel: Francesco Boscia, Tomaso Caporossi, Umberto Lorenzi, Carlos Mateo, Marco Mura

- **Introduction** – Grazia Pertile
- **My technique for introducing and unfolding the amniotic membrane** – Tomaso Caporossi

Discussion

- **Amniotic membrane in optic pit** – Francesco Boscia

Discussion

- **Macular hole** – Tomaso Caporossi
- **Macular hole** – Carlos Mateo
- **MH with Descemet membrane** – Marco Mura

Discussion

- **RD/PVR** – Umberto Lorenzi

Discussion

13:00–14:00 Lunch & visit the industrial exhibition

PROGRAM: SATURDAY, APRIL 18TH

14:00–14:20 WHAT TO DO IN HYPOTONY

Moderators: Stratos Gotzaridis, Grazia Pertile

Panel: Peter Szurman, Louisa Wickham, José García Arumí, Tomaso Caporossi

- **Suturing ciliary body** – Grazia Pertile
- **Air in the anterior chamber** – Stratos Gotzaridis
- **Permanent tamponades** – Peter Szurman
- **Visco-tamponades** – Louisa Wickham

14:20–14:50 TUMORS

Moderators: Nikolaos Bechrakis, Jens F. Kiilgaard

Panel: Rumana Hussain, Mario Romano, Marcin Stopa, Paul Foerster, Siegfried Priglinger

- **Endoresection: When and how to do it** – Nikolaos Bechrakis
Panel discussion
- **Toxic tumor syndrome – When does it occur, how do we avoid it** – Rumana Hussain
Panel discussion

14:50–15:50 WHAT SHOULD WE KNOW ABOUT DR AND DIABETIC VITRECTOMY

Joint Session with the German Retinological Society

Moderators: Nicolas Feltgen, Alistair Laidlaw

- **Suprachoroidal surabgene lomparvec, GLP-1 receptor agonist, novel glucose-lowering medication** – Lejla Vajzovic
- **Angiofibrotic switch: pathology of PDR, role of anti-VEGF** – Focke Ziemssen
- **Benefits and tricks in tamponades** – Felicitas Bucher
- **Thresholds and timing for intervention** – Alistair Laidlaw

Surgical pearls of PDR surgery – Videos with panel discussion

Moderator: Louisa Wickham

Panel: Francesco Boscia, Alistair Laidlaw, Marco Mura, Andreas Stahl, David Yorston

Coffee and refreshments will be available from 15:00. Please feel free to help yourself at your convenience. The session in the main hall will continue without interruption.

15:50–16:20 WHAT I HAVE CHANGED/STOPPED DOING IN MY PRACTICE DURING THE LAST 2 YEARS

Progress in surgery consists of small or significant changes, sometimes requiring the courage to abandon familiar approaches and introduce new techniques aimed at achieving better outcomes.

Moderators: Carlos Mateo, Grazia Pertile

Panel: Claus Eckardt, José García Arumí, Fabio Patelli, Diego Ruiz Casas, Grazia Pertile

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16:20–17:20 RETINAW – VITREORETINAL NIGHTMARES

The moderator will lead the panelists in discussing significant events that occurred during vitreoretinal surgery procedures.

Moderators: Kourous Rezaei

Panel: Nur Acar Gogcil, Koorosh Faridpooya, Madina Farziyeva, Roxane Hillier, Marco Mura, Fanis Pavlidis, Siegfried Priglinger, Shohista Saidkasimova, Peter Szurman, Daniele Tognetto

17:20

Closing remarks
