

The logo features the word "RIO" in large, bold, black letters. The "12" is stylized with a rainbow gradient and is surrounded by colorful, abstract shapes resembling hands or fingers. The "O" at the end is a black circle containing a colorful, multi-segmented iris design.

# RIO

## 12<sup>TH</sup> INTERNATIONAL CONFERENCE OF THE RESEARCH INSTITUTE OF OPHTHALMOLOGY



RECENT INNOVATIONS IN  
OPHTHALMOLOGY

GLAUCOMA IN  
FOCUS

### SCIENTIFIC PROGRAM

*President of the Research Institute  
of Ophthalmology:*

Professor  
**Sherif Karawya**

*Conference President:*

Professor  
**Tarek Elbeltagi**

*Conference Secretary General:*

Professor  
**Hisham Ali Hashem**

[www.rio-conference.com](http://www.rio-conference.com)

**24** JANUARY

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**25-26**  
JANUARY  
2018

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It gives me great pleasure to welcome you to the **12<sup>th</sup> annual conference of Research Institute of Ophthalmology.**

I want to extend my heartfelt appreciation to all my colleagues and distinguished guests specially those coming from abroad to share their valuable knowledge with us.

The theme of this conference is “Recent Innovations in Ophthalmology - Glaucoma in Focus ” nevertheless, the conference will address the most recent advances in the field of ophthalmology.

Advances in technology are giving us amazing results almost every day and we are here to share knowledge about the most cutting edge techniques.

It’s a great opportunity with all of the talents present to benefit from each others expertise.

Thank you all for your continuous support.



*President of the Research Institute of Ophthalmology*  
**Professor Sherif Karawya**

# Welcome

*Dear friends and colleagues,*

It is my pleasure to welcome you in RIO 12<sup>th</sup> International meeting, we are in RIO trying to give our patients the best service, knowing that by interaction with our professors and colleagues in Egypt and the world will make us learn better and modify our capabilities for a better service, we consider our RIO meeting is a very important tool to the perfection.

We are honored to have many eminent speakers from Egypt, region and the world in our meeting, the trust we had in our past RIO meetings is much appreciated, we will try our best to organize the most useful program for the subject of our meeting and we will also try to have a nice social events.

Welcome to the RIO 12<sup>th</sup> International meeting.

Thank you,



*Conference President*  
**Professor Tarek Elbeltagi**

# Welcome

*Dear Colleagues,*

On behalf of the Executive Board of the Research Institute of Ophthalmology (RIO) it gives us a great pleasure to invite and welcome you at the 12<sup>th</sup> INTERNATIONAL RIO MEETING under the theme of "Recent Innovations in Ophthalmology - Glaucoma in Focus"

The program committee has compiled an exciting scientific program. which will feature world leaders presenting the latest developments in the fields.

Such qualified doctors and medical staff will deliver valuable, critical knowledge and art in this congress.

A scientific exhibition of pharmaceuticals, medical equipment and other products is also planned to allow discussion and exchange of information between relevant delegates and leading industrial companies.

On behalf of the RIO Executive Board you are promised to have an inspiring, stimulating and memorable congress.

Your active participation will be greatly appreciated.



*Conference Secretary General*  
**Professor Hisham Ali Hashem**



# RIO 2018 COMMITTEE

## SCIENTIFIC COMMITTEE:

Alphabetically ordered

Professor Ahmed Atef

Professor Akmal Rizk

Professor Bahaa Abdalla

Professor Mahmoud Afifi

Professor Mohamed Marzouk

Professor Mostafa Salah

Professor Sherif Karawya

## ORGANIZING COMMITTEE:

Doctor Hytham El Shawaf

Doctor Mahmoud Sayed

Doctor Kareem Mohsen Elsayah

Doctor Reham Fawzy

Doctor Kareem Ahmed Abuelezz

Doctor Atef Hassan Abd Ellatif

### Special thanks to:

Assistant Professor Yasmine Elsayed



# GUEST SPEAKERS:

Alphabetically ordered



**Ahmed El Karmouty,**  
UK



**Fernando Faria Correia,**  
Portugal



**Ali Hafez,**  
Canada



**Francesco Carones,**  
Italy



**Alicia Valverde,**  
Spain



**Nabil Ragaei,**  
Spain



**Bradford Lee,**  
USA



**Paul Harasymowycz,**  
Canada



**Fco. Javier Hurtado,**  
Spain



**Rafael I. Barraquer,**  
Spain



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# SPEAKERS INSTRUCTIONS..

## Congress halls will be equipped with:

Two laptops: one Apple Mac & one PC with Microsoft Windows 8 and Microsoft Office 2013.  
Internet access will NOT be available inside the meeting rooms.

To ensure that the meeting progresses smoothly, please stick to the following instructions:

- All presentations should be recorded on a USB flash memory (preferred).
- Please save presentations in PowerPoint 2007 or later format for PC & Keynote for Apple.
- Upload your presentation early to the Audiovisual Center (RM Events) as we will load the presentations to the hard drive of our systems before the sessions by one hour.
- No personal laptops are permitted for presentations.
- In case you have problems with your presentation(s), please do not hesitate to contact the IT support team (RM Events).

## Computerized Count-Down TIMER

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08:00 - 09:00  
**Registration**

**01**

09:00 - 10:00  
**Session (1): Contemporary Cataract Surgery & Prospects**

**Chairpersons:** *Alphabetically ordered*  
Amr Samra, Mahmoud Afifi, Mostafa Salah, Sayed Elewa

09:00 Scheimpflug-based lens densitometry to assess age-related nuclear cataract  
*Fernando Faria Correia*

09:10 IMP (Intelligence multifocal procedure). Two years follow-up with the first auditable protocol in cataract surgery  
*Fco. Javier Hurtado*

09:20 FLACS: my indications  
*Mahmoud Afifi*

09:30 Evaluation of the dysfunctional lens syndrome with Scheimpflug imaging and ray tracing wavefront analysis  
*Fernando Faria Correia*

09:38 Prospects of posterior polar cataract  
*Amr Samra*

09:46 How to deal with posterior capsule  
*Khaled Abdel Rahman*

09:54 Discussion



02

10:00 - 11:00

## Session (2): Updates in Glaucoma Management

**Chairpersons:** *Alphabetically ordered*

Hosny Hassan, Paul Harasymowycz, Taha Labib, Tarek El Emary

10:00 Glaucoma as a two pressure disease: the role of intracranial pressure

*Ali Hafez*

10:09 Progression in glaucoma: should we aim lower?

*Paul Harasymowycz*

10:18 Management of hypotony post glaucoma surgeries

*Ahmed El Karmouty*

10:27 Glaucoma clinical trials: between proven science and the art of medicine

*Ali Hafez*

10:36 GATT: indications, technique, complications and their management

*Paul Harasymowycz*

10:45 The uveitic glaucoma management cascade

*Eiman Abdel Latif*

10:52 Updates in glaucoma management cascade

*Tarek Eid*

10:59 Discussion

# THURSDAY

## 25 JANUARY, 2018

11:00 - 11:15

### RIO MEMORIAL LECTURE

11:00 Glaucoma, past to future  
*Professor Ahmed Khalil*

11:15 - 12:00

### OPENING CEREMONY

11:15 Minister of Higher Education & Scientific Research Speech  
*Professor Khaled Abdel Ghaffar*

11:25 RIO President Welcome Speech  
*Professor Sherif Karawya*

11:35 RIO Conference President Speech  
*Professor Tarek Elbeltagi*

11:45 RIO Conference General Secretary Speech  
*Professor Hisham Aly Hashem*

12:00 - 12:30

### Coffee Break



03

12:30 - 13:30

### Session (3): Updates on Macula Related Defective Vision

**Chairpersons:** *Alphabetically ordered*

Karim Raafat, Mostafa Dabees, Onsy Alfy, Osama Raslan

12:30    Angio OCT: advantages and pitfalls  
*Alicia Valverde*

12:39    Biomarker in OCT scans in DME  
*Karim Raafat*

12:47    When to give up intravitreal injections  
*Nihal Hassan*

12:55    OCT angiography in patients with DME  
*Magdy Moussa*

13:03    Age related macular degeneration; new treatments  
*Alicia Valverde*

13:12    ANTI - VEGFs in treatment of DME are good if you follow the rules  
*Osama Raslan*

13:20    ANTI - VEGFs in treatment of diabetic retinopathy  
*Dina Baddar*

13:28    Discussion

04

13:30 - 14:30

**Session (4): Corneal Surgery and Ocular Surface Innovations**

**Chairpersons:** *Alphabetically ordered*

Abd Aziz Emam, Ahmed Atef, Mohamed Baliegh, Rafael I. Barraquer

13:30 Large diameter keratoplasty  
*Rafael I. Barraquer*

13:40 Comprehensive ocular surface workup in patients with meibomian gland dysfunction treated with Intense regulated pulsed light  
*Francesco Carones*

13:50 New trends in the treatment of ocular surface  
*Fco. Javier Hurtado*

14:00 Recent advances in the management and treatment of dry eye diseases  
*Francesco Carones*

14:10 Corneal transplant for keratoconus: current options and controversies  
*Rafael I. Barraquer*

14:20 Endothelial implantation or replication.. Which is the future?  
*Mahmoud Ismail*

14:28 Discussion

14:30 - 14:50

**Orchidia Lecture**

14:30 Orchidia lecture





14:50 - 15:50  
**Lunch Break**

**05**

16:00 - 17:00

### **Session (5): Lasers in Ophthalmology, Machine Advances and New Indications**

**Chairpersons:** *Alphabetically ordered*

Ahmed El Masry, Alicia Valverde, Bradford Lee, Mahmoud Kamal

16:00 The use of laser in DME: where are we?  
*Alicia Valverde*

16:12 Ablative fractional laser resurfacing for cicatricial ectropion  
*Bradford Lee*

16:24 YAG laser vitreolysis  
*Ahmed El Masry*

16:34 Laser in open angle glaucoma  
*Ahmed Mostafa Abdel Rahman*

16:44 Innovations in Eximer laser and Femto-laser machines  
*Osama Elnahrawy*

16:54 Discussion



06

17:00 - 18:00

**Session (6): Glaucoma Video Session**

**Chairpersons:** *Alphabetically ordered*

Ahmed Mostafa Ismail, Amr Azab, Magdy Morshed, Tharwat Mokbel

- 17:00 Baerveldt Tube in nanophthalmos and management of complications  
*Ahmed El Karmouty*
- 17:10 Express glaucoma shunt revisited: tips and tricks  
*Ali Hafez*
- 17:20 Augmentation of filtration during visco-canalostomy by implantation of express shunt  
*Ahmed Samir*
- 17:28 Vignette on angle closure  
*Paul Harasymowycz*
- 17:38 Phacoemulsification in glaucoma patient, when and how?  
*Hatem Ammar*
- 17:46 Errors and mishaps in pediatric glaucoma surgery  
*Nader Bayoumi*
- 17:54 Discussion

**07**

18:00 - 19:00

**Session (7): Keratoconus Management, New Preferred Practice****Chairpersons:** *Alphabetically ordered*

Sadek Maaly, Hani Saftawi, Mohamed Shafik, Omar El Shabrawi

18:00 Topographic patterns of ectasia and intracorneal ring implantation modalities: indications and results

*Rafael I. Barraquer*

18:10 Intracorneal ring segments implantation update

*Fernando Faria Correia*

18:20 Refractive surgery for keratoconus, safety and stability

*Nabil Ragaei*

18:30 Intra-corneal rings for keratoconus: clues for success

*Rafael I. Barraquer*

18:40 Updated protocol to provide best vision after CXL in keratoconus

*Mohamed Shafik*

18:48 Updates in cross linking

*Tarek El Nagar*

18:56 Discussion

21:00

**Gala Dinner**

20  
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# JOURNAL OF OPHTHALMOLOGY AND RELATED SCIENCES

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<http://jors.journals.ekb.eg/>

FRIDAY

26 JANUARY, 2018

09:00 - 10:00  
**Registration**

**08**

10:00 - 11:00  
**Session (8): Developments in Pediatric Ophthalmology and Strabismus**

**Chairpersons:** *Alphabetically ordered*

Adel Alei El Din, Akmal Rizk, Fco. Javier Hurtado, Mahmoud Rageh

10:00 Videoculography in strabismus surgery  
*Fco. Javier Hurtado*

10:12 Early onset esotropia, personal view  
*Mahmoud Rageh*

10:22 Infantile retinal vascular disorders  
*Adel Alei El Din*

10:32 A new approach to accommodative endotropia  
*Fco. Javier Hurtado*

10:44 Lateral rectus transposition in management of total 3rd nerve paralysis  
*Akmal Rizk*

10:54 Discussion



09

11:00 - 12:00

## Session (9): My Recent Approach in Glaucoma Cases

**Chairpersons:** *Alphabetically ordered*

Ahmed Aboueleinein, Ahmed El Karmouty, Mohamed ElSebaey, Tarek Aboulnasr

- 11:00 Healing in glaucoma: how to improve your surgical results  
*Paul Harasymowycz*
- 11:10 Misconceptions in our understanding of normal pressure glaucoma  
*Ali Hafez*
- 11:20 Targeting model trabeculectomy  
*Tarek Aboulnasr*
- 11:30 Challenges of putting a shunt in pediatric glaucoma  
*Ahmed El Karmouty*
- 11:40 Failed trabeculectomy. What I Do?  
*Ahmed Aboueleinein*
- 11:48 Phacoemulsification as the primary modality for management of chronic angle closure glaucoma  
*Hazem Helmy*
- 11:56 Discussion

12:00 - 13:00

## Gommaa Prayer & Coffee Break

10

13:00 - 14:00

### **Session (10): Novel Refractive Diagnostic Tools and Surgical Techniques**

**Chairpersons:** *Alphabetically ordered*

Fernando Faria Correia, Mohamed Saad, Mohamed Salah Zaatar, Mohsen Salem

- 13:00    Enhanced screening for laser vision correction  
*Fernando Faria Correia*
- 13:10    What happened to the corneas treated 20 years ago by PRK and LASIK?  
*Francesco Carones*
- 13:20    New treatments in controlling the progression of myopia  
*Fco. Javier Hurtado*
- 13:30    Contoura Vision correction for myopia and myopic astigmatism  
*Fernando Faria Correia*
- 13:40    SBK, a procedure for present and future  
*Mostafa Salah*
- 13:48    Stripping technique: A new method for Turbo Femto Smile  
*Ahmed Ghoniem*
- 13:56    Discussion



11

14:00 - 15:00

## Session (11): Oculoplasty, Clinical and Surgical Updates

**Chairpersons:** *Alphabetically ordered*

Hisham Aly Hashem, Khaled Abo Sdera, Tamer Gawdat, Zafer Fahim

Speaker: *Bradford Lee*

14:00 Intra-lesional non-image guided Bleomycin sclera-therapy for orbital lymphangiomas

14:12 Thyroid eye disease: updates in medical and surgical management

14:24 Improving your upper blepharoplasty technique

14:36 New concepts in lower lid blepharoplasty: fat reduction, redraping, or augmentation

14:48 Periocular rejuvenation with botulinum toxin and dermal fillers

15:00 - 15:20

## Industry Lecture

15:00 Industry lecture

15:20 - 16:20

## Lunch Break



12

16:30 - 17:30

### Session (12): Modern Glaucoma Surgery Techniques

**Chairpersons:** *Alphabetically ordered*

Ahmed Khalil, Ali Hafez, Bahaa Abdalla, Tarek Mamoun

16:30 CyPass: When to aim for supra-choroidal Space  
*Paul Harasymowycz*

16:40 XEN Implant A-Z  
*Ahmed El Karmouty*

16:50 Schlemm's canal and beyond: Istent and Hydrus as first Glaucoma Surgery  
*Paul Harasymowycz*

17:00 Ahmed Vs Baerveldt tube 5 Years Outcome  
*Ahmed El Karmouty*

17:10 Abinterno canaloplasty  
*Amr Aref*

17:18 ACG management; tucked between lens and aqueous flow surgeries  
*Ahmed Khalil*

17:26 Discussion



**13**

17:30 - 18:30

### Session (13): Intraocular Lenses, What's New

**Chairpersons:** *Alphabetically ordered*

Abdallah Hassouna, Francesco Carones, Nabil Ragaei, Sherif Zohni

17:30 The future and new concepts in intraocular lenses for presbyopia

*Rafael I. Barraquer*

17:40 Aberrometry and MFIOLs, what we can learn

*Francesco Carones*

17:50 Morphological changes in the macula after cataract surgery with multifocal IOLs

*Nabil Ragaei*

18:00 Update on presbyopic correcting IOLs

*Francesco Carones*

18:10 A closer look at EDOF IOLs for presbyopic correction

*Abdallah Hassouna*

18:18 ADD on IOL, a reliable tool in modern cataract surgery

*Nabil Ragaei*

18:28 Discussion

14

18:30 - 19:40

### Session (14): Video Session Innovations in Ophthalmic Surgery

**Chairpersons:** *Alphabetically ordered*

Ahmed Shoeir, Khaled Rakhawi, Osama Ibrahim, Yehia Salah

18:30 Large diameter reconstructive sclero keratoplasty for bilateral Post-Mooren anterior staphylomata

*Rafael I. Barraquer*

18:40 Megalocornea and IOL fixation issues, phakic and aphakic

*Rafael I. Barraquer*

18:50 Stress less glued IOL

*Nabil Ragaei*

19:00 DALK and phaco, a nice couple

*Yehia Salah*

19:10 Refractive lenticule implantation (RLIMP) for unilateral aphakia

*Osama Ibrahim*

19:20 Reversed optic capture for open posterior capsule during cataract surgery

*Ahmed Assaf*


19:30 Opposite incision to avoid dropped nucleus

*Khaled Fawzi*


# Notes

12<sup>TH</sup> RIO





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