



23rd ESCRS Winter Meeting

ATHENS

In conjunction with the 33rd HSIOIRS International Congress

15 – 17 February 2019

Preliminary Programme



General Information

Venue

Megaron Congress Centre,
Vas. Sofias Avenue and Kokkali Str.,
11521 Athens, Greece

Local Society

This meeting is held in conjunction with the Hellenic Society of Intraocular Implant and Refractive Surgery (HSIOIRS)

Host

European Society of Cataract and Refractive Surgeons
Temple House, Temple Road,
Blackrock, Co. Dublin,
Ireland

Tel: + 353 1 209 1100

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Abstract Submission

Deadline: 31 October 2018

Abstracts for the following presentation types should be submitted at www.es CRS.org:

- Free Paper
- Poster
- Oral Presented Poster
- Cornea Day Case Presentation

Please check the website for topics and submission guidelines.

Annual Cornea Day (Organised by ESCRS and EuCornea)

Friday 15 February
09.30 – 16.30

Chairpersons: **J. Güell** *SPAIN (EUCORNEA)*
R. Nuijts *THE NETHERLANDS (ESCRS)*

Topics will include:

- Ocular Surface Disease: What Worked and What Did Not
- Management of Corneal Complications after Refractive Surgery
- Tips and Pitfalls in Corneal Graft Surgery: DALK, DSEK, DMEK, PK
- Infectious Keratitis

The Cornea Day programme will be comprised of a number of expert keynote lectures and a series of case presentations on the topics listed above.

For further details, and to submit a case presentation, go to www.es CRS.org or www.eucornea.org

Deadline for submission of abstracts: 31 October 2018



Main Symposia

Friday 15 February
17.00 – 18.30

New Advances in Glaucoma

Chairpersons: **V. Karampatakis** *GREECE*
S. Morselli *ITALY*

Saturday 16 February
16.30 – 18.00

When the Unexpected Happens

Chairpersons: **S. Georgaras** *GREECE*
D. Spalton *UK*

Saturday 16 February
11.30 – 13.00

Trends in Refractive Surgery

Chairpersons: **V. Katsanevaki** *GREECE*
T. Kohnen *GERMANY*

Sunday 17 February
09.00 – 10.30

Pearls for the Young Cataract Surgeon

Organised by the Young Ophthalmologists Committee

Chairpersons: **S. Palkovits** *AUSTRIA*
C. Pedrosa *PORTUGAL*
N. Visser *THE NETHERLANDS*

HSIOIRS Symposium

(Organised by the Hellenic Society of Intraocular Implant and Refractive Surgery)

Sunday 17 February
11.00 – 13.00

Advanced Technology – Better Results?

Chairpersons: **K. Koufala** *GREECE*
M. Balidis *GREECE*



Young Ophthalmologists Programme

Learning from the Learners:
Interactive Video Session on Cataract Surgery for Trainees

Friday 15 February
09.00 – 12.30

Chairpersons: O. Findl *AUSTRIA*
S. Morselli *ITALY*
K. Vannas *FINLAND*

Hellenic Society of Intraocular Implant and Refractive Surgery/ Egyptian Ophthalmology Society Symposium

Keratoconus: Diagnosis and Management

Friday 15 February
18.30 – 20.00

Near Live Surgery

(Organised by the Hellenic Society of Intraocular Implant and Refractive Surgery)

Saturday 16 February
14.00 – 16.00

Surgical Skills Training Courses

An extensive programme of wetlabs will take place throughout the Meeting.
For further information and to book courses go to www.es CRS.org.
Please note that there is an additional charge for these courses.

EuroTimes Satellite Education Programme

A programme of industry-sponsored satellite meetings will take place during the Meeting.
Please check www.es CRS.org for further information.



Basic Optics Course

Friday 15 February
08.30 – 16.00

Part 1. Visual Behaviour (Visual Function)

- Retinal image quality
- Presbyoptics
- Straylight: importance of different domains of the point-spread function
- State-of-the-art assessment of visual acuity and contrast sensitivity
- Visual function assessment using adaptive optics
- Modelling visual function

Part 2. Visual Optics

- Light propagation in the eye
- Aberrations of the optical system
- Optics of crystalline lens and accommodative response
- IOL optics
- Epidemiology of the optical parameters of the eye
- IOL power calculation

Part 3. Imaging The Human Eye

- Confocal microscopy, from research to clinical practice
- Measuring the biomechanics of the cornea
- OCT imaging, from research to clinical practice
- Corneal topography challenges

Cataract Surgery Didactic Course

Friday 15 February
14.30 – 17.00

Part 1

- The pilot and the cataract surgeon: minimising risk and avoiding complications
- Surgical simulation
- What do I want from my trainer?
- The ergonomics of cataract surgery
- Viscoelastics: creating space – protecting tissue
- The capsule
- Incisions: creating the perfect wound and correcting astigmatism
- Biometry: precision IOL calculations
- Postoperative ametropia correction: corneal laser refractive surgery

Saturday 16 February
08.00 – 12.30

Part 2

- New age phaco dynamics
- Managing the nucleus
- Complications and complex cases: advanced phaco techniques
- Femtosecond lasers and cataract surgery
- Intraocular lens design
- Presbyopia correction with intraocular lenses
- Intraoperative correction of astigmatism: toric intraocular lenses
- IOLs for cataract patients with AMD
- Supplementary IOLs: reversible and adjustable solutions



Refractive Surgery Didactic Course

Friday 15 February
14.45 – 17.05

Part 1 Diagnostic Techniques

- Patient selection
- Corneal topography
- Lasers in refractive surgery
- Biomechanics of the cornea
- IOL calculation strategies
- Quality of vision evaluation
- Discussion won case reports

Saturday 16 February
08.00 – 12.35

Part 2 Therapeutic Techniques: Intraocular Surgery

- Phakic IOLs
- Refractive lens exchange
- Toric IOLs
- Multifocal and EDOF IOLs
- Refractive reoperations and enhancements

Part 3 Therapeutic Techniques: Corneal Surgery

- Surface ablation techniques
- LASIK: surgical technique
- Topo and WF guided ablations
- LASIK complications
- Laser refractive surgery for presbyopia
- Cross-linking and refractive surgery
- Small lenticule extraction
- Incisional corneal procedures
- Intracorneal ring segments
- Intrastromal inlays (biological and synthetic)

Cornea Didactic Course

Saturday 16 February
08.00 – 16.15

Clinical Cornea

- Basic science: anatomy, physiology and biomechanics
- Pathological responses of the cornea
- Laboratory testing for ocular surface diseases
- Corneal imaging evaluation techniques
- Non-infectious keratitis
- Infectious keratitis
- Corneal dystrophies
- Ectasia disorders and degenerations
- Dry-eye and ocular surface disease
- Immunological disorders of the cornea

Surgical Cornea

- Corneal cross-linking
- Anterior lamellar keratoplasty procedures
- Penetrating keratoplasty
- Management of postkeratopathy astigmatism
- DSEK
- DMEK
- Amniotic membrane
- Conjunctival surgery
- Limbal transplantation and keratoprosthesis

ESONT **(European Society of Ophthalmic Nurses & Technicians)**

Saturday 16 February
09.00 – 17.30

A full day didactic programme for ophthalmic nurses and technicians.

Topics will include:

- Visual acuity
- Visual fields
- Theoretical OCT
- B-Scan
- Infection control and sterilization
- Biometry

For more information visit www.esont.org

www.escrs.org

Abstract Submission • Registration • Scientific Programme
Hotel Bookings • EuroTimes Satellite Education Programme





ESCRS

EUROPEAN SOCIETY OF
CATARACT & REFRACTIVE
SURGEONS

