

THURSDAY 31 AUGUST

16.00 – 18.00

Registration Open Speaker Ready Room Open

*Institute of Mathematics,
University of Oxford*

18.45 – 20.30

Welcome and Social Reception

*Master's Garden,
Christ Church College, Oxford*

FRIDAY 1 SEPTEMBER

07.00 – 18.30

Registration Open

08.30 – 08.45

Welcome and Opening Remarks

Nikolas Ziakas *GREECE, PRESIDENT OF EPOS*
G Darius Hildebrand *UK, SCIENTIFIC ORGANISER*
OF 43RD EUROPEAN PAEDIATRIC OPHTHALMOLOGICAL
SOCIETY MEETING

FRIDAY 1 SEPTEMBER

08.45 – 10.30

Inherited Retinal Dystrophies

Chairpersons: **John Marshall** *UK*
Ingele Casteels *BELGIUM*

08.45 **John Marshall** *UK (Keynote Speaker)*
The Structure of the Retina and its Implications
for Retinal Dystrophies

09.05 **Marcus Fruttiger** *UK*
Retinal development

09.25 **Kristina Irsch** *USA*
Adaptic optics

09.45 Free Paper and Rapid Fire Session

Chairpersons: **Susie Downes** *UK*
Kristina Irsch *USA*

09.45 **Hans Ulrik Moller** *DENMARK*
Which is the more difficult to diagnose -
retinal dystrophies or corneal dystrophies?

09.53 **Maria Toms, Dhani Tracey-White, Rose Richardson,
Thomas Burgoyne, Mariya Moosajee** *UK*
KCNJ13-related severe early onset retinal
degeneration associated with a mitochondrial
aging pathophysiology

10.01 **Charlotte Kruijt, Gerard de Wit,
Bergen Arthur, Noline Schalij-Delfos,
Maria van Genderen** *THE NETHERLANDS*
Phenotypic spectrum of albinism

10.09 **Efthymia Prousalis, Asimina Mataftsi, Nikolaos Ziakas,
Andreas Fontalis, Anna-Bettina Haidich** *GREECE*
Interventions to control myopia progression in children:
An overview of systematic reviews and meta-analyses

10.14 **Sibel Oto, Almila Sarıgül Sezenöz, İmren Akkoyun,
Sezin Bayar Akça, Gürsel Yılmaz** *TURKEY*
OCT findings and visual prognosis in children with
unilateral myelinated retinal nerve fibers and high myopia

10.17 **Sabine Defoort-Dhellemmes, Isabelle Drumare,
Vasili Smirnov, Bernard Puech** *FRANCE*
SD-OCT and FAF at onset of inherited maculopathy
in children

10.20 **Nathalie Voide, Francis L. Munier** *SWITZERLAND*
Torpedo maculopathy: a multimodal analysis
of a pediatric case series

10.23 **Victoria Pueyo, Jose Ignacio Echeverria,
Kim Plunkett** *SPAIN*
Validity and usability of new stimuli for colour vision
assessment in infancy

10.26 **Annegret Dahlmann-Noor, Rachel Thomas,
Michael Crossland, Hilary Unwin,
Vijaya Gothwal** *UK*
Assistive technology for children with low vision:
the CREATE pilot trial (Children Reading with
Electronic Assistance To Educate)

10.30 – 11.00

Coffee Break and Poster Exhibition

11.00 – 13.15

Inherited Retinal Dystrophies *Continued*

Chairpersons: Peter Charbel Issa *UK*
Anne Cees Houtman *BELGIUM*

- 11.00 **Peter Charbel Issa** *UK*
Clinical manifestations of inherited retinal dystrophies
- 11.20 **Dorothy Thompson** *UK*
Electrodiagnostic testing for inherited retinal dystrophies
- 11.40 **Susie Downes** *UK*
Genetic basis of retinal dystrophies
- 12.00 **Robert MacLaren** *UK*
Gene therapy for inherited retinal dystrophies

12.20 Free Paper and Rapid Fire Session

Chairpersons: Robert MacLaren *UK*
Catherine Cassiman *BELGIUM*

- 12.20 **Irina Balikova, Casper De Jong, Sophie Walraedt, Hilde Deconinck, Elfride De Baere, Bart P. Leroy** *BELGIUM*
Autosomal Recessive Bestrophinopathy in the pediatric population - clinical features and diagnostic challenges
- 12.28 **Cameron Parsa, Aurélie Taylor** *USA*
How to explain “flat” electroretinograms when patients with Leber’s congenital amaurosis aren’t blind
- 12.36 **Panagiotis Sergouniotis, Rachel Taylor, Neil Parry, Susmito Biswas, Jane Ashworth, Graeme Black** *UK*
The diagnostic yield of clinical genetic testing in paediatric inherited retinal disease
- 12.44 **Markus Preising, Ute Schneider, Hanno Jörn Bolz, Christoph Friedburg, Andrassi-Darida Monika, Melanie Jäger, Birgit Lorenz** *GERMANY*
Genotype-phenotype correlation in inherited retinal diseases caused by biallelic CEP290 variations
- 12.52 **Chadha Rasmeem** *UK*
10 year audit of The Paediatric Low Vision Aid Clinic at Oxford Hospital
- 12.55 **Mohamed Adam Ali, Dhani Tracey-White, Matthew Smart, Andrew Webster, Mariya Moosajee** *UK*
Combined nonsense-mediated decay inhibition and translational readthrough as a treatment approach for hereditary retinal dystrophies

- 12.58 **Amandine Monnier, Sarah Michel, Olivia Zambrowski, Dominique Bremond Gignac, Matthieu Robert** *UK*
Post infectious pigmentary retinopathies in infants
- 13.01 **Nataly Osipova, Lyudmila Katargina, Ekaterina Denisova, Lyudmila Kogoleva, Olga Novikova** *RUSSIA*
Choroidal neovascularization secondary to Best vitelliform macular dystrophy: Is it rare?
- 13.04 **Martina Jarc-Vidmar, Branka Stirn-Kranjc, Polona Jaki-Mekjavič** *SLOVENIA*
Intravitreal anti-VEGF treatment for choroidal neovascularisation secondary to Best vitelliform macular dystrophy in a five year old child and his grandmother
- 13.07 **Anna Majander, Eeva-Marja Sankila, Kristiina Vasara, Anna-Kaisa Haavisto, Sanna Seitsonen, Kristiina Avela** *FINLAND*
A TULP1 mutation in Finnish patients with congenital nystagmus and early onset retinal dystrophy (EORD)
- 13.10 **Vasily Smirnov, Isabelle Drumare, Sabine Defoort-Dhellemmes** *FRANCE*
Hereditary retinal diseases diagnosed in infants with congenital vertical nystagmus

13.15 – 14.00

Lunch Break and Poster Presentation

FRIDAY 1 SEPTEMBER

14.00 – 15.45

ROP

Chairpersons: **Eva Larsson** *SWEDEN*
Annegret Dahlmann-Noor *UK*

- 14.00 **Sir Peter Ratcliffe** *UK* (Keynote Speaker)
How cells sense and signal hypoxia
- 14.20 **Birgit Lorenz** *GERMANY* (Keynote Speaker)
Clinical presentation and classification of ROP
- 14.40 **CK Patel** *UK*
Clinical and surgical management of ROP

15.00 Free Paper and Rapid Fire Session

Chairpersons: **Birgit Lorenz** *GERMANY*
Gerd Holmström *SWEDEN*

- 15.00 **Annegret Dahlmann-Noor, Gillian Adams, Lucilla Butler, Wen Xing, Catey Bunce** *UK*
Findings from the national UK Retinopathy of Prematurity Treatment Study
- 15.08 **Lotta Gränse, Ulrika Kjellström, Sten Andréasson** *SWEDEN*
New possibilities to examine small children and infants with unknown vision loss
- 15.16 **Gerd Holmstrom, Jonina Hreinsdottir, Ylva Kaul-Fredriksson, Claes von Hofsten, Kerstin Roander, Lena Westas-Hellstrom** *SWEDEN*
Prediction of ophthalmological problems in 6.5 year-old prematurely born children - preliminary results of a population-based, prospective study
- 15.24 **Erika Maka, Andrea Szigeti, Maria Bausz, Miklos Resch, Zoltan Zsolt Nagy** *HUNGARY*
Is ROP the worst abnormality what we can find in a preterm baby?
- 15.27 **Alena Gerasimenko, Victoria Krasilnikova** *BELARUS*
The macula zone status in cicatricial period of retinopathy of prematurity according to optical coherence tomography
- 15.30 **Alena Gerasimenko, Victoria Krasilnikova** *BELARUS*
Late retinal detachment in adult retinopathy of prematurity
- 15.33 **Malgorzata Kowalczyk, Robert Rejdak** *POLAND*
Autosomal dominant neovascular inflammatory vitreoretinopathy
- 15.36 **Gerard Reid, Marie O'Neill, Eibhlin McLoone** *UK*
Retinal injuries resulting from handheld laser devices in the paediatric population, A case series of 27 eyes
- 15.39 **Christina Gerth-Kahlert, Lisa Weibel, Martin Theiler, Francis Munier** *SWITZERLAND*
Severe ocular complications in patients with macrocephaly-capillary malformation syndrome
- 15.42 **Teresa Pérez Roche, Esther Prieto, Olimpia Castillo, Javier Gutierrez, Marta Ortin, Diego Gutierrez** *SPAIN*
Age-related normative values for visual fixation measured by a digital device

15.45 – 16.15

Coffee Break and Poster Exhibition

16.15 – 17.00

Other Retinal Disorders

Chairpersons: **CK Patel** *UK*
Sandra Valeina *LATVIA*

- 16.15 **Martin Snead** *UK*
Paediatric Retinal Detachment
- 16.35 **Creig Hoyt** *USA* (Keynote Speaker)
Retinal haemorrhages in children

17.15 – 18.15

EPOS General Assembly

19.45

Conference Dinner at Balliol College Group 1

07.00 – 18.00

Registration Open

08.00 – 09.00

Oncology Session

Chairpersons: **Manoj Parulekar** *UK*
Mandeep Sagoo *UK*

08.00 **Manoj Parulekar** *UK*
Retinoblastoma and its management

08.20 **Mandeep Sagoo** *UK*
Other intraocular tumours in childhood

08.40 Free Paper and Rapid Fire Session

08.40 **Joana Providência, Guilherme Castela, Sónia Silva, Egídio Machado** *PORTUGAL*
First 22-months results of retinoblastoma management in a national reference center

08.43 **Parth Shah, Fariha Shafi, Maureen McCalla, Zoe Squires, Manoj Parulekar** *UK*
Outcomes following enucleation for retinoblastoma

08.46 **Lucia Derriman, Mohammad Ayoubi, Arinder Channa, Irina Gout, Abbas Toufeeq** *UK*
Rare case of permanent, bilateral severe visual loss secondary to craniosynostosis in Alagille Syndrome

09.00 – 10.00

Craniofacial and Orbital Session

Chairpersons: **Geoff Rose** *UK*
Jonathan Norris *UK*

09.00 **Greg Thomas** *UK*
Ophthalmology in Craniofacial Disorders

09.20 **Geoff Rose** *UK (Keynote Speaker)*
Tales from the Children's Toolbox

09.40 **Göran Darius Hildebrand** *UK*
Topical beta-blocker treatment for capillary hemangioma in infancy

10.00 – 10.30

Coffee Break and Poster Exhibition

10.30 – 11.10

Retinal Implant

10.30 **Eberhart Zrenner** *GERMANY (Keynote Speaker)*
The retinal implant: from idea to reality

11.10 – 12.40

Cataract and Lens Session

Chairpersons: **Boris Malyugin** *RUSSIA*
Göran Darius Hildebrand *UK*

11.10 **Christopher Lloyd** *UK*
Causes for childhood cataracts and ectopia lentis

11.20 **Göran Darius Hildebrand** *UK*
Cataract surgery in children

11.50 **Boris Malyugin** *RUSSIA (Keynote Speaker)*
Ectopia lentis and its surgical management

12.20 **Marie-José Tassignon** *BELGIUM (Keynote Speaker)*
The "Bag-in-the-lens" implant in pediatric cataract surgery

12.40 – 13.40

Lunch Break and Poster Exhibition

13.40 Free Paper and Rapid Fire Session

Chairpersons: **Nikolas Ziakas** *GREECE*
Marie-José Tassignon *BELGIUM*

13.40 **Ameenat Lola Solebo, Phillippa Cumberland, Jugnoo Rahi, BCCIG British Isles Congenital Cataract Interest Group** *UK*
Visual outcomes five years following congenital and infantile cataract surgery with and without primary IOLs: findings from the IOLunder2 study

13.48 **James Neffendorf, Elizabeth Hawkes, Vicki Sandford, Göran Darius Hildebrand** *UK*
Safety and outcome of paediatric cataract surgery

13.56 **Alf Nyström, Nawaf Almarzouki, Gunilla Magnusson, Madeleine Zetterberg** *SWEDEN*
Bag-in-the-lens intraocular lens - well suited for use in children

14.04 **Alf Nyström, Birgitte Haargaard, Gunilla Magnusson, Annika Rosensvärd, Kristina Tornqvist** *SWEDEN*
Glaucoma after cataract surgery in childhood - a report on 8 years of register based follow-up

14.12 **Annegret Dahlmann-Noor, Daniel Moritz, Adam Dubis, Ana Quartilho, Peng Khaw, Maria Theodorou** *UK*
Lensectomy reduces Schlemm canal diameter - a mechanical hypothesis of post-lensectomy glaucoma

SATURDAY 2 SEPTEMBER

- 14.20 **Dimitrios Giannoulis, Eirini Kostopoulou, Angeliki Chranioti, Asimina Mataftsi, Nikolas Ziakas** *GREECE*
Simultaneous bilateral cataract surgery with IOL implantation in pediatric patients
- 14.23 **Parth Shah, Laura Ramm, Mary Awad, Clare Dewsbury, Manoj Parulekar** *UK*
Orthoptist-led aphakia clinics
- 14.26 **Annegret Dahlmann-Noor, Moritz Daniel, Adam Dubis, Ana Quartilho, Peng Khaw, Maria Theodorou** *UK*
Dynamic changes of iridocorneal angle morphology during accommodation in healthy children
- 14.29 **Annegret Dahlmann-Noor, Moritz Daniel, Adam Dubis, Ana Quartilho, Peng Khaw, Maria Theodorou** *UK*
Scheimpflug lens densitometry: an objective measure of cataract severity in children
- 14.32 **Esther Papamichael, Sahar Parvizi, Kunal Gadhi, Preadeepan Vetpillai, Melanie Hingorani** *UK*
Is Ciclosporine 0.1% useful in children with severe ocular surface inflammation?
- 16.06 **Rushmia Karim, Rebecca Jones, Dilys Oladiwura, Annegret Dahlmann-Noor, Andrew Sawczenko** *UK*
Diagnostic pathway of optic atrophy in the paediatric population
- 16.09 **Marita Andersson Grönlund, Lovisa Mybeck, Susann Andersson** *SWEDEN*
Imaging of the retina and optic nerve using optical coherence tomography in adolescents with surgically treated hydrocephalus
- 16.12 **Matthieu Robert, Diem-Trang Nguyen, Gilles Martin, Amandine Pon-Monnier, Olivia Zambrowski** *FRANCE*
The usefulness of visual electrophysiology in pendular nystagmus in infancy
- 16.15 **Martin Wasik, Rachel Edminson, Goran Darius Hildebrand** *UK*
The neuro-ophthalmic complications of childhood medulloblastoma and its treatment
- 16.18 **Zuzana Sipkova, Guy Mole, Göran Darius Hildebrand** *UK*
Neuro-ophthalmic features of paediatric diencephalic tumours
- 16.21 **Kavita Aggarwal, Fabienne Fierz, Shaun Wilson, Kate Wheeler, Göran Darius Hildebrand** *UK*
Ophthalmic complications of proton beam radiotherapy for paediatric patients with intracranial and orbital tumours
- 16.24 **Nathalie Voide, Matthieu Robert** *SWITZERLAND*
The Heimann-Bielschowsky phenomenon: a pediatric case series
- 16.27 **Krishanthi Sornalingam, Ahmed Javed, Panagiotis Sergouniotis, Tariq Aslam, Jane Ashworth** *UK*
Retinal imaging as an objective measure of ocular disease in Mucopolysaccharidosis
- 16.30 **Susann Andersson, Johanna Norström, Marita Andersson Grönlund** *SWEDEN*
Vision and visual perception in adolescents with hydrocephalus - a long term follow-up

14.40 – 15.10

Coffee Break and Poster Exhibition

15.10 – 17.15

Neuro-Ophthalmology Session

Chairpersons: **Cameron Parsa** *USA*
John Elston *UK*

- 15.10 **David Taylor** *UK* (*Keynote Speaker*)
Papilloedema or not?
- 15.30 **Cameron Parsa** *FRANCE*
Neuro-ophthalmic manifestations of brain tumours in children

15.50 Free Paper and Rapid Fire Session

Chairpersons: **David Taylor** *UK*
Creig Hoyt *USA*

- 15.50 **Guy Mole, Rachel Edminson, Caroline Hopper, Caroline Hildebrand** *UK*
Paediatric tumours and their ophthalmic management in the paediatric ophthalmology clinic at a tertiary paediatric oncology centre
- 15.58 **Mervyn Thomas, Gail Maconachie, Viral Sheth, Rebecca McLean, Irene Gottlob** *UK*
A novel diagnostic next generation sequencing panel for infantile nystagmus

- 16.33 **John Elston** *UK*
Optic nerve sheath decompression surgery
- 16.53 **Shailendra Magdum** *UK*
Neurosurgery for raised ICP

17.20 – 18.30

Awards, Presentation for next year and Closing Remarks

19.45

Conference Dinner at Christ Church College Group 2