



## SATURDAY 3<sup>th</sup> SEPTEMBER

18:30 - 20:00

**WELCOME RECEPTION** 

Willem Burger Foyer

Sponsored by Johnson Johnson



## SUNDAY 4<sup>th</sup> SEPTEMBER







### SUNDAY 4<sup>th</sup> **SEPTEMBER**



LUNCH 12:30 - 13:30 Juriaanse Foyer, Van der Mandele Zaal & Grote Zaal Foyer

12:40 - 14:10

Len Zheleznyak



SPONSORED SESSION HOYA

Van der Weelde Zaal

New insights to advance Myopia Management - Treatment goal, clinical outcome of DIMS among European children, combination treatment and RPR Hoya is proud to present internationally rewarded practitioners and researchers in the Symposium to present new insights to support successful myopia management in practice. Dr. Hakan Kaymak will speak about the specific goal of myopia therapy and share the real-life data with the MiYOSMART in his clinic in Germany. Dr. Andrea Lembo presents a comparison of myopia control in Italian children with MiYOSMART spectacles, atropine, and combined MiYOSMART/ atropine. Prof. Carly Lam explains how the myopia control effect is influenced by baseline relative peripheral refraction in children wearing MiYOSMART spectacle lenses over 6 years.

13:00 - 14:25



SPONSORED SESSION SIGHTGLASS VISION

Van der Vorm/Plate/ Van Rijckevorsel⊘ Ruys Zaal The Science Behind Diffusion Optics Technology



SUNDAY 4<sup>th</sup>
SEPTEMBER





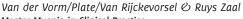




### MONDAY 5<sup>th</sup> SEPTEMBER



#### SPONSORED SESSION OCULUS



Master Myopia in Clinical Practice

How to perform myopia management in clinical practice based on latest research knowledge is introduced by 3 international experts: Prof Sankaridurg, Dr Paune and Dr Kaymak will present insights on their research and how to use it in daily practice.



8:50 - 10:30		IMAGING & BIOMETRY 1	Willem Burger Zaal
		Moderators Audrey Chia, Li Lian Foo	
	8:50	The Refractive Mechanism Map: application of a biometric definition of refractive error in myopia research Ian Flitcroft	
-	9:00	Comparison of Superficial and Deep Retinal Layer Thickness Diagnosing Glaucoma in Low and High Myopia Rachel Chong	Ratios for
-	9:10	Association of optic disc abnormalities with refractive error a measurements in myopic children Audrey Chia	and OCT
-	9:20	Comparing the orientations of fibers of the peripapillary scle volunteers and high myopia patients with polarization-sensit coherence tomography Joy Willemse	
-	9:30	Two-years evolution of two-dimensional peripheral refraction Zhenghua Lin	in children
-	9:40	Eye growth patterns measured with refractive error or axial l Sander Kneepkens	ength
	9:50	Predicting cycloplegic refraction from noncycloplegic parame young adults and children Yunyun Sun	ters in Chinese
	10:00	Deep Learning System to Predict the 5-year Risk of High Myo using Fundus Imaging in Children Li Lian Foo	pia TRAVEL GRANT RECIPIENT
-	10:20	Novel imaging and deep learning techniques for assessing me Leopold Schmetterer	iyopia
10:30 - 11:00	)	BREAK Juriaanse Foyer, Van der Mandele Zaa	l



## MONDAY 5<sup>th</sup> SEPTEMBER



12:30 - 13:30

LUNCH

#### 12:40 - 14:10

#### SPONSORED SESSION COOPERVISION



Myopia Management

Van der Weelde Zaal
What we've learned

What we've learned and what questions remain after the 7-year MiSight® 1 day clinical trial

Senior Director Paul Chamberlain and Clinical Research Fellow Arthur Bradley will update attendees on how the 7-year MiSight® 1 day clinical study has helped address many of the key questions in this rapidly evolving field of science. CooperVision have led the way in bringing clinically useful interventions supported by robust scientific evidence to eye care professionals all over the world and this session will demonstrate CooperVision's commitment to advance the scientific understanding of myopia. We also review the outstanding questions that remain in the quest to manage myopia responsibly and effectively so as many myopic children as possible can be treated appropriately.

13:00 - 14:25

#### SPONSORED SESSION TOPCON



Van der Vorm/Plate/Van Rijckevorsel ⊘ Ruys Zaal Innovations in Myopia: from Research to Myopia Management Applications





MONDAY 5<sup>th</sup>



Safal Khanal

19:15 - 0:00

SOCIAL NETWORKING DINNER SS ROTTERDAM

Sponsored by HOYA



### TUESDAY 6<sup>th</sup> **SEPTEMBER**



7:50 - 8:35	SPONSORED SESSION MENICON

Van der Vorm/Plate/Van Rijckevorsel ⊘ Ruys Zaal

"Menicon Bloom"- from Remedial to Prospective treatment...

**€** Menicon an insight into improved patient care

8:40 - 10:30		OPTICAL INTERVENTIONS 1 Willem Burger Zaal
		Moderators Padmaja Sankaridurg, David Berntsen
_	8:40	Efficacy versus vision: breaking the nexus Noel Brennan
	8:50	Myopia control efficacy of spectacle lenses with highly aspherical lenslets: 3-year results Björn Drob
	9:00	Impact of varying OZD of OrthoK designs on corneal topographical change and its implication for myopia-controlling efficacy  Maria Liu
	9:10	Effect of optical myopia-control interventions on peripheral vision Petros Papadogiannis
	9:20	Slowing of myopia and eye growth reversal with wear of spectacles comprising highly aspherical lenslets Padmaja Sankaridurg
	9:30	Montreal experience part 2: Corneal topographical changes induced by four orthokeratology lenses and their relationship with axial elongation.  Remy Marcotte-Collard
	9:40	Fast progressors are successfully treated with MiSight® 1 day myopia control contact lenses  Arthur Bradley
	9:50	Visual performance with novel spectacle lenses for myopia control Deborah Laughton
	10:00	Biometric changes associated with active stimulation of the peripheral retina with myopically defocused images in humans  Ryo Kubota
	10:10	Changes in relative peripheral refraction in children who wore Defocus Incorporated Multiple Segments (DIMS) lenses Han Yu Zhang
	10:20	Choroid Changes with the Initiation of Sphere and Multifocal Contact Lenses in the Bifocal Lenses In Nearsighted Kids (BLINK) Study David Berntsen

10:30 - 11:00 BREAK Juriaanse Foyer, Van der Mandele Zaal 🛭 Grote Zaal Foyer



### TUESDAY 6th **SEPTEMBER**



11:00 - 12:30	0	MYOPIC COMPLICATIONS AND PUBLIC HEALTH Willem Burge	er Zaal
		Moderators Caroline Klaver, Weizhong Lan	
	11:00	High Myopia – the patient's view  Gerlof du Bois	
	11:10	investigate the effect of natural classrooms on myopia development	TRAVEL GRANT RECIPIENT
	11:20	Simulation of the Progression Trajectories of Myopia from Childhood to O life in China Jun Chen	lder
	11:30	An interim analysis of a telehealth tool to self-assess refractive error and visual acuity in a progressive myopia population Janneau Claessens	d
	11:40	The Impact of the First Peak of the COVID-19 Pandemic on Myopia treatm practice patterns among ophthalmologists - an IPOSC global perspective Eedy Mezer	nent
	11:50	Pathologic myopia in highly myopic patients with high axial anisomyopia Jonathan Li	ì
	12:00	Differing Macula Deformation Comparing Healthy, High Myopia, High Myowith Glaucoma, and Pathologic Myopia  Quan V. (Donny) Hoang	ppia
	12:10	Risk Factors for Bilateral Macular Neovascularization in High Myopia Monica Ravenstijn	
	12:20	Intravitreal Panitumumab for Prevention of Myopic Axial Elongation in Hi Myopic Adult Eyes with Myopic Macular Degeneration: Clinical Phase-1 St Jost Jonas	0 -
12:30 - 13:30		BREAK Juriaanse Foyer, Van der Mandele Zaal ⊗ Grote Zaa	al Foyer





## TUESDAY 6<sup>th</sup> SEPTEMBER



Van der Weelde Zaal

**EssilorLuxottica** Essilor® Stellest™ lens - New benefits of myopia control spectacle lenses

Introduction, Olga Prenat

Essilor® Stellest<sup>™</sup> lens design, Dr. Damien Paillé

Essilor® Stellest™ lens: 3 -year clinical trial results and importance of

wearing time, Dr. Björn Drobe

Impact of spectacle lenses for myopia control on visual functions,

Dr. Mark Bullimore

Essilor® Stellest<sup>™</sup> lens: Results from a randomised, double-blind, cross-over

clinical trial, Dr. Padmaja Sankaridurg

Myopia control in other ethnicities and CARE plot, Dr. Mark Bullimore.

13:30 - 14:15

SPONSORED SESSION JOHNSON & JOHNSON

Johnson Johnson vision

Van der Vorm/Plate/Van Rijckevorsel ⊘ Ruys Zaal

A breakthrough soft contact lens for myopia control

Join this exciting presentation to hear the innovative design concepts and latest clinical data behind Johnson & Johnson Vision's breakthrough soft contact lens for myopia control presented by Noel Brennan, MScOptom, PhD, FAAO, Xu Cheng, PhD, FAAO, MBA, and Monica Jong, BOptom, PhD.

13:30 - 14:15 POSTERS

**TERS** Feestzaal

OPTICAL INTERVENTIONS MYOPIC COMPLICATIONS

**GENETICS** 

14:20 - 14:30 AWARDS

Willem Burger Zaal

14:30 - 15:30

**KEYNOTE SPEAKER** 

Willem Burger Zaal

Moderator Caroline Klaver

Lessons learned about pandemics

Diederik Gommers





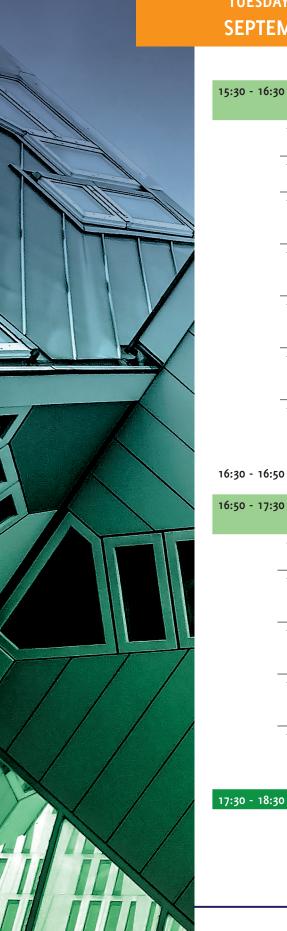
Xiaofan Jiang

refractive error Annet Haarman

IMC BUSINESS MEETING

17:30

# TUESDAY 6<sup>th</sup> SEPTEMBER



15:30 - 16:30		GENETICS Willem Burger Zaal
		Moderators Virginie Verhoeven, Pirro Hysi
1	15:30	Assessing the contribution of genetic nurture to refractive error Jeremy Guggenheim
1	15:40	Exome sequencing study of 107 patients with Early-Onset High Myopia Xunlun Sheng
1	15:50	Whole exome sequencing of known eye genes reveals genetic causes for high myopia Virginie Verhoeven
_	16:00	Identification of genetic loci with differential effects on myopia and hyperopia using a case-case genome-wide association study Chris Hammond
1	16:10	Education interacts with genetic variants near GJD2, RBFOX1, LAMA2, KCNQ5, TOX and LRRC4C to confer susceptibility to myopia Rosie Clark
7	16:20	The major heritable risk factors for myopia and the implications for its mechanism and prevention  Jay Neitz
1	16:30	A comparison of the role of different retinal cell lines in refractive error and myopia  Pirro Hysi
16:30 - 16:50		BREAK Juriaanse Foyer, Van der Mandele Zaal & Grote Zaal Foyer
16:50 - 17:30		GENETICS Willem Burger Zaal
		Moderators Katie Williams, Calvin CP Pang
1	16:50	Identification of non-coding regulatory elements for myopia by genome-wide scans Milly Tedja
	17:00	Associations of gene polymorphisms and life style with anisometropia in children: the Hong Kong Children Eye Genetics Study Calvin CP Pang
1	17:10	Axial length distributions in patients with genetically confirmed inherited retinal diseases Katie Williams
1	17:20	Investigation of association between the myopia risk locus near  GJD2 and electroretinogram responses  Xiaofan Jiang

Rare variant analyses across multiethnic cohorts identify novel genes for

Van Weelde Zaal



# WEDNESDAY 7<sup>th</sup> SEPTEMBER



8:50 - 10:00		OPTICAL INTERVENTIONS 2 Willem Burger Zaal
		Moderators Kate Gifford, Mark Bullimore
	8:50	Ocular aberration changes in children wearing smaller back optic zone diameter orthokeratology lenses over two years Biyue Guo
	9:00	Axial length shortening after combined repeated low-level red-light therapy in poor responders of orthokeratology in myopic children  Mengting Yu
	9:10	Optic Zone in Myopia Control with Ortho-K; Size Matters Jaume Paune Fabre,
	9:20	Retrospective review of orthokeratology versus peripheral defocus contact lenses  Martin Rickert
	9:30	Development of Smart spectacles to monitor and modify myopia related health behavior in children  Ramamurthy Dharani  TRAVEL GRANT RECIPIENT
	9:40	Catenary Optics for Myopia Progression Intervention K. Ashley Tuan
	9:50	MiSight as a myopia control modality in young adults  Eilin Lundanes
	10:00	Zone of clear single binocular vision in myopia controlling contact lenses Kate Gifford
10:10-11:00		PHARMALOGICAL INTERVENTIONS Willem Burger Zaal
		Moderators Samantha Lee, Jason Yam
	10:20	Oral administration of caffeine metabolite 7-methylxanthine is associated with slowed childhood myopia progression  Klaus Trier
	10:30	Effects of different Frequency Dose of 0.05% Atropine in Retarding the Progression of Myopia in Chinese Children Yao Tang
	10:40	Low-concentration atropine for the treatment of myopia in multi-racial Western Australian children (WA-ATOM study): first two years of treatment Samantha Lee
	10:50	Effect of high dose atropine for progressive myopia is age-dependent  Jan Roelof Polling
11:00 - 11:30	o	BREAK Juriaanse Foyer, Van der Mandele Zaal & Grote Zaal Foyer
11:30 - 12:45	5	IMI DEBATE Willem Burger Zaal

**CLOSING CEREMONY** 

LUNCH

12:45 - 13:00

13:00 - 13:30

Juriaanse Foyer, Van der Mandele Zaal ⊘ Grote Zaal Foyer

Willem Burger Zaal