

The 15<sup>th</sup> International Conference on  
**Low Vision Research  
and Rehabilitation**  
Florence (Italy), 8-12 September 2025



# PROGRAMME



VISION2025FLORENCE



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## TUESDAY 9 SEPTEMBER 2025

### 08:30-09:45 | AUDITORIUM

#### LOW VISION ORGANIZATIONS AND SERVICES: INTERNATIONAL EXPERIENCES - MODELS OF VISION REHABILITATION CARE WORLDWIDE

Chairs: **Andrew Jonathan Jackson** (*Ireland*), **Ruth Van Nispen** (*The Netherlands*)

**08:30** Keynote Lecture: A view on VISION 2025  
**Gianni Virgili** (*Italy*)

**08:50** A view on successes and failures of eye health programmers in LMIC  
**Silvio Paolo Mariotti** (*Switzerland*)

**09:00** Vision rehabilitation and eye care in low and middle-income countries (LMICs)  
**Yasmin Sumrana** (*Pakistan*)

**09:10** Comprehensive care for the visually impaired population in South America and development of tertiary service models in visual rehabilitation  
**Maria Haddad** (*Brazil*)

**09:20** Measuring vision impairment and blindness worldwide and the implications of the recent inclusion of effective refractive error coverage into the WHO Results Framework (GPW-14)  
**Rupert Bourne** (*United Kingdom*)

**09:30** Systematic approach to low vision: a novel protocol to optimize low vision care in West Africa  
**Werner Eisenbarth** (*Germany*)

**09:40** Discussion

### 09:45-10:30 | EXHIBITION AREA PASSI PERDUTI

#### POSTER SESSION - 1A

Chairs: **Oliver Leingang** (*Austria*), **Celeste Limoli** (*Italy*)

### 10:30-11:00 | AUDITORIUM

#### STITUTIONAL SESSION - PRESIDENTS' SPEECHES

Chairs: **Gislin Dagnelie** (*USA*), **Ruth Van Nispen** (*The Netherlands*)

**10:30** President's speeches  
**Ben Thompson** (*USA*), **Paolo Limoli** (*Italy*), **Gianni Virgili** (*Italy*)



## TUESDAY 9 SEPTEMBER 2025

### 11:10-12:10 | AUDITORIUM

#### SOCIAL IMPACT OF VISION IMPAIRMENT AND REFRACTIVE ERROR

Chair: **Nathan Congdon** (*Ireland*)

- 11:10** Reports on social and health issues  
**Poonam Shah** (*The Netherlands*)
- 11:22** Vision Impairment and Risk of Traffic Collisions: Evidence from Low-and Middle- Income Countries  
**Mapa Prabhath Piyasena** (*United Kingdom*)
- 11:34** Implementing translational research programmes for refractive error in LMIC  
**Ving Fai Chan** (*United Kingdom*)
- 11:46** CRROP: a randomized controlled trial of vision and non-vision interventions to improve productivity and climate resilience of smallholder rice farmers in Nepal and Malawi  
**Nathan Congdon** (*Ireland*)
- 11:58** Discussion

### 11:10-12:10 | ROOM VERDE

#### COURSE ID 36 - FROM THEORY TO PRACTICE: ACTIONABLE STRATEGIES IN NEUROVISUAL REHABILITATION

Organizer: **Jan Koopman** (*The Netherlands*)

Co-organizer: **Joost Heutink** (*The Netherlands*)

- 11:10** Navigating the path for patients with neurovisual problems: screening, support, and timely referrals  
**Vera Linde Dol** (*The Netherlands*)
- 11:26** On the art, necessity and limitations of neuropsychological assesment in neurovisual rehabilitation  
**Joost Heutink** (*The Netherlands*)
- 11:42** Navigating neuro-visual rehabilitation: from theory to practice  
**Jan Koopman** (*The Netherlands*)
- 11:58** Discussion



## TUESDAY 9 SEPTEMBER 2025

### 11:10-12:10 | LIMONAIA

#### ORAL PRESENTATIONS - PEDIATRIC LOW VISION

Chairs: **Linda Pang** (USA), **Chinenye Timothy** (Nigeria)

- 11:10** OCT-angiography to assess retinal vascular malformations in Sturge Weber syndrome  
**Mariaelena Malvasi, Rosa Longo, Luca Polinelli, Elena Gusson, Giorgio Marchini** (Verona)
- 11:18** Demographic and clinical characteristics of a pediatric low vision population in a low vision clinic in Turkey  
**Ozlem Bicer, Esra Sahli** (Turkey)
- 11:26** Visual search in children with CVI: an overview of novel assessment approaches  
**Marinke Hokken, Johan Pel, Maarten Frens, Johannes van der Steen, Marlou Kooiker** (The Netherlands)
- 11:34** Assessing cerebral visual impairment; a multidisciplinary approach  
**Pamela Anketell, Moyra McClure, Andrew Jonathan Jackson, Sonia George** (United Kingdom)
- 11:42** A longitudinal study of development in language, cognition, social adaptation and exploratory behaviour of toddlers with vision impairment  
**Carlijn Veldhorst, Sabina Kef** (The Netherlands)
- 11:50** The influence of visual function on the maturation of GMs  
**Daniela Ricci, Chiara Velli, Maria Petrianni, Lorenzo Orazi, Marianna Moro, Simona Leone, Marta Galanti, Giulia Amorelli, Domenico Marco Romeo, Filippo Amore** (Italy)
- 11:58** A pilot randomised control trial of peripheral prism glasses in children and young people with homonymous hemianopia  
**Sian Handley, Michael Crossland, Dorothy Thompson, Jessica Gowing, Rosemary Wilson, Vasiliki Panteli, Mario Cortina-Borja, Alki Liasis, Richard Bowman, Jugnoo Rahi** (United Kingdom)

### 11:10-12:10 | ROOM ONICE

#### ORAL PRESENTATIONS - QUALITY OF VISION AND QUALITY OF LIFE

Chairs: **Gera De Haan** (The Netherlands), **Manon Veldman** (The Netherlands)

- 11:10** Seeing beyond VA: using virtual reality to predict daily life functioning with vision impairment  
**Kirsten Veerkamp, Henk Stam, Daniel Müller, David Mann, Christian Olivers** (The Netherlands)
- 11:18** The International Classification of Functioning, Disability and Health (ICF) Core Set vision loss  
**Billiet Lorenzo, Ruth van Nispen, Hilde Van Der Aa, De Baets Stijn, Van de Velde Dominique** (Belgium)
- 11:26** The importance of environmental factors in quality of life of children with cerebral visual impairment: a global approach in rehabilitation  
**Elena Cocchi, Chiara Baghino, Matilde Bernardi, Francesca Gandini, Virginia Cillara, Sara Castiglione** (Italy)
- 11:34** Consensus on barriers and opportunities for labor market participation of people with visual impairments in The Netherlands: a Delphi study  
**Katharina Diehl, Chris Van Klaveren, Ilja Cornelisz, Eline Heppe, Nino de Ponti** (The Netherlands)
- 11:42** The impact of COVID-19 on individuals with vision impairment in the UK  
**Elizabeth Frost, Dave Edgar, Chris Dickinson, Ahalya Subramanian** (United Kingdom)
- 11:50** Employment outcomes of people with visual impairments in The Netherlands: using administrative data  
**Eline Heppe, Katharina Diehl, Ilja Cornelisz, Chris Van Klaveren** (The Netherlands)



## TUESDAY 9 SEPTEMBER 2025

### 11:10-12:10 | ROOM 4

#### OPTICAL PRESCRIPTIONS FOR LOW VISION

Chairs: **Massimiliano Parmini** (*Italy*), **Catello Scarfato** (*Italy*)

- 11:10** Mastering high power lenses and prism technology. Consideration on aberrations and lens centering  
**Luca Benzoni** (*Italy*)
- 11:20** Progressive lenses in Low Vision: prismatic prescription and aniseikonia management - a comprehensive approach  
**Riccardo Cervio** (*Italy*)
- 11:30** Aniseikonic management through the effective choice of specific lens parameters: base curve, thickness and vertex distance  
**Andrea Rapino** (*Italy*)
- 11:40** Selective filters for low vision: innovation, functionality, and clinical effectiveness  
**Simone Santacatterina** (*Italy*)
- 11:50** Optical vision aids impact on low vision patients' rehabilitation and quality of life  
**Andrea Pirota** (*Italy*)
- 12:00** Discussion

### 11:10-12:10 | ROOM 9

#### ITALIAN REHABILITATION CENTERS ROUND TABLE

### 12:20-13:20 | AUDITORIUM

#### COURSE ID 33 - BLURRED LINES: A PANEL ON CLINICAL & ETHICAL DILEMMAS IN LOW VISION REHABILITATION

Organizer: **Katelyn Jordan** (*USA*)

Co-organizer: **Judy Goldstein** (*USA*)

- 12:20** Case presentation: workplace/school accommodations  
**Suleiman Alibhai** (*USA*)
- 12:35** Case Presentation: Driving  
**Ashley Deemer** (*USA*)
- 12:50** Case Presentation: Surgical recommendations in end stage eye disease.  
**Judy Goldstein** (*USA*)
- 13:05** Panel discussion  
**Katelyn Jordan** (*USA*)



## TUESDAY 9 SEPTEMBER 2025

### 12:20-13:20 | ROOM VERDE

#### COURSE ID 61 - EVIDENCE-BASED CLINICAL PRACTICE GUIDELINES FOR SCREENING, ASSESSMENT, DIAGNOSIS AND CLASSIFICATION OF CHILDHOOD ONSET CEREBRAL VISUAL IMPAIRMENT: INTRODUCTION TO THE GUIDELINES FOR IMPLEMENTATION

Organizer: **Naomi Dale** (*United Kingdom*)

Co-organizer: **Els Ortibus** (*Belgium*)

**12:20** Systematic methodology to develop evidence-based Clinical practice guidelines-CVI  
**Naomi Dale** (*United Kingdom*)

**12:30** Presentation of the Clinical practice guidelines-CVI  
**Els Ortibus** (*Belgium*)

**12:40** Implementing in practice the clinical practice guidelines-CVI: from multidisciplinary neurodevelopmental perspective  
**Francesca Tinelli** (*Italy*)

**12:50** Implementing in practice the clinical practice guidelines-CVI: from multidisciplinary ophthalmology perspective  
**Richard Bowman** (*United Kingdom*)

**13:00** Summary: Barriers and facilitators for change  
**Naomi Dale** (*United Kingdom*)

**13:10** Discussion

### 12:20-13:20 | LIMONAIA

#### ORAL PRESENTATIONS - VISUAL FIELD AND NEUROPHTHALMOLOGY

Chairs: **Vera Linde Dol** (*The Netherlands*), **Giovanni Sato** (*Italy*)

**12:20** Microperimetric retinal sensitivity and biofeedback training in hemianopsia: abnormalities on the ipsilateral hemi-fields and improvements after training  
**Monica Nido, Ghaliah Nsour, Jessica Cao, Samuel Markowitz** (*Canada*)

**12:28** Using the eye-tracker by a visual field deficit during orientation and mobility intervention  
**Evelien Hollestelle, Paulien Zuidervaart** (*The Netherlands*)

**12:56** Using continuous visual stimulus tracking for detecting and quantifying visual field defects  
**Anne Vrijling, Minke de Boer, R.J. Renken, J.B.C. Marsman, Joost Heutink, F.W. Cornelissen, Nomdo Jansonius** (*The Netherlands*)

**12:44** Can providing near-vision glasses as an early intervention enhance visual outcomes in infants at risk of perinatal brain injury? Findings from the Babies in Glasses (BiG) feasibility study  
**Raimonda Bullaj<sup>1</sup>, Leigh Dyet<sup>1</sup>, Subhabrata Mitra<sup>1</sup>, Catey Bunce<sup>1</sup>, Caroline Clarke<sup>1</sup>, Naomi Dale<sup>1</sup>, Neil Marlow<sup>1</sup>, Anna Horwood<sup>1</sup>, Kathryn Saunders<sup>2</sup>, Richard Bowman<sup>1</sup>** (*<sup>1</sup>United Kingdom, <sup>2</sup>Ireland*)

**12:52** Saccadic functions in children who survived posterior fossa tumors: the influence of tumor characteristics  
**Marina Shurupova, Alexander Karelin** (*Russian Federation*)

**13:00** Biofeedback training to improve fixation stability, visual function outcomes, and quality of life in hemianopia patients  
**Monica Daibert-Nido, Samuel Markowitz, Ghaliah Nsour, Michelle Markowitz, Yulia Pyatova, Mariana Misawa** (*Canada*)





## TUESDAY 9 SEPTEMBER 2025

### 12:20-13:20 | ROOM ONICE

#### COURSE ID 55 - SMART SOLUTIONS FOR VISION REHAB: UNLOCKING THE POWER OF TECHNOLOGY TO OVERCOME READING BARRIERS

Organizer: **Michelle Bianchi** (USA)

Co-organizer: **Janet Sunness** (USA)

- 12:20** Accessibility features of smartphones for Visual Impairment  
**Michelle Bianchi** (USA)
- 12:37** Clinical direction for smart phone use  
**Janet Sunness** (USA)
- 12:54** Cell Phone Technology to Promote Inclusion: The Power in Your Pocket  
**Holly Stants** (USA)
- 13:11** Discussion

### 12:20-13:20 | ROOM 4

#### ORAL PRESENTATIONS - VISUAL REHABILITATION

Chairs: **Ilaria Ciochetta** (Italy), **Roberto Volpe** (Italy)

- 12:20** Exploring the accessibility of scholarly conferences: perspectives from individuals who are blind, deafblind or who have low vision  
**Natalina Martiniello<sup>1</sup>, L. Penny Rosenblum<sup>2</sup>, Aaron Johnson<sup>1,2</sup>, JR Rizzo<sup>2</sup>, Mahadeo A. Sukhai<sup>1</sup>, Bonnielin Swenor<sup>2</sup>, Walter Wittich<sup>1</sup>, Yueh-Hsun Wu<sup>1</sup>** (<sup>1</sup>Canada, <sup>2</sup>USA)
- 12:28** Modulating saccadic function with visual feedback in bilateral central vision loss  
**Nicole Ross, Sonisha Neupane, Chris Yeung, Cecilia Idman-Rait, Peter Bex** (USA)
- 12:36** Augmented reality simulations enhanced empathy in optometry students for low vision care  
**Wing Yan Yu, Helen Eng, Joseph Yau Kei Chan, Allen Cheong** (Hong Kong)
- 12:44** Visual acuity: predictive power hiding in plain sight  
**Bennett McAllister** (USA)
- 12:52** Challenges in employment and support mechanisms for individuals with visual impairments in Bangladesh  
**Mozadded Hossen<sup>1</sup>, Rashedul Islam<sup>2</sup>, Adib Miraj Utsab<sup>2</sup>, Abdul Hadi Al Mehedi Hasan<sup>2</sup>, Mostafa Tanim Anik<sup>2</sup>** (<sup>1</sup>USA, <sup>2</sup>Bangladesh)
- 13:00** Assessing the functional visual performance of older adults using the Performance Quality Rating Scale  
**Debbie Boey<sup>1</sup>, Tamara Tse<sup>2</sup>, Kerry Fitzmaurice<sup>2</sup>, Mei Leng Chan<sup>1</sup>, Leeanne Carey<sup>2</sup>** (<sup>1</sup>Singapore, <sup>2</sup>Australia)
- 13:08** Low vision rehabilitation training and referral patterns among ophthalmologists in the USA  
**Joshua Robinson, Janice Law, Ansley Kunnath** (USA)

### 13:20-14:20 | AUDITORIUM

#### COURSE ID 54 - TEACHING ADVOCACY SKILLS IN VISION REHABILITATION: INTEGRATING PATIENT EMPOWERMENT INTO CLINICAL PRACTICE

Organizer: **Michele Vandendooren** (USA)

Co-organizer: **Vanessa Carmody** (USA)

- 13:20** Advocacy skills - Intro to home and community practice  
**Michele Vandendooren** (USA)
- 13:45** Teaching self-advocacy skills in vision rehabilitation with older adults: tools and techniques  
**Vanessa Carmody** (USA)
- 14:10** Discussion



## TUESDAY 9 SEPTEMBER 2025

### 13:20-14:20 | ROOM VERDE

#### COURSE ID 62 - EPIDEMIOLOGY AND SOCIAL IMPACT

Organizer: **Sonia Palmieri** (*Italy*)

Co-organizer: **Pietro Alberto Cusimano** (*Italy*)

**13:20** Low vision and Laws in Italy  
**Luciana Vlachos** (*Italy*)

**13:28** Low vision, telemedicine & AI in Italy  
**Pietro Alberto Cusimano** (*Italy*)

**13:36** Low vision and occupational ophthalmology  
**Gian Piero Covelli** (*USA*)

**13:44** Low vision, "new" disability: the role of ipovision center in Italy  
**Sonia Palmieri** (*Italy*)

**13:52** Low vision and work: suitability and new frontiers  
**Francesco Famà** (*Italy*)

**14:00** Discussion

### 13:20-14:20 | LIMONAIA

#### COURSE ID 35 - ILLUMINATING POSSIBILITIES: THE DUTCH STEPPED-CARE APPROACH TO LIGHTING REHABILITATION

Organizer: **Jan Koopman** (*The Netherlands*)

Co-organizer: **Wim Van Damme** (*The Netherlands*)

**13:20** The Prelude to Lighting Rehabilitation  
**Jan Koopman** (*The Netherlands*)

**13:37** Turning insights into practical interventions  
**Wim Van Damme** (*The Netherlands*)

**13:54** Translating assessments into specific lighting recommendations  
**Anne Vrijling** (*The Netherlands*)

**14:11** Discussion

### 13:20-14:20 | ROOM ONICE

#### COURSE ID 20 - READING ASSESSMENTS AND VISION LOSS

Organizer: **Elizabeth Barstow** (*USA*)

Co-organizer: **Jason Vice** (*USA*)

**13:20** Reading Assessments and Vision Loss  
**Elizabeth Barstow** (*USA*)

**13:45** Reading Assessments and Vision Loss  
**Jason Vice** (*USA*)

**14:10** Discussion





## TUESDAY 9 SEPTEMBER 2025

### 13:20-14:20 | ROOM 4

#### COURSE ID 19 - INNOVATIVE APPROACHES TO DEAFBLIND REHABILITATION: BRIDGING SENSORY LOSSES FOR ENHANCED QUALITY OF LIFE

Organizer: **Cade Oost** (USA)

Co-organizer: **Jessica Broodryk** (USA)

**13:20** Functional Implications of Deafblindness  
**Cade Oost** (USA)

**13:45** Innovations in Rehabilitation for Dual Sensory Loss  
**Jessica Broodryk** (USA)

**14:10** Discussion

### 13:00-14:15 | ROOM 9 ELSRR MEETING

### 14:30-16:30 | AUDITORIUM

#### LOW VISION AND THE BRAIN: FUNCTION, PLASTICITY AND RESTORATION - PART 1

Chairs: **Bernhard Sabel** (Germany), **Larry Benowitz** (USA)

**14:30** Keynote Lecture: Neuromodulation and brain plasticity for vision restoration  
**Bernhard Sabel** (Germany)

**14:50** Optic nerve regeneration: cell-intrinsic and -extrinsic regulation  
**Larry Benowitz** (USA)

**15:01** Rethinking the sensory deprived brain: how sensory deprivation improved our vision on brain function  
**Emiliano Ricciardi** (Italy)

**15:12** Primary cortex remodeling in patients with central scotomas  
**Janet Sunness** (USA)

**15:23** Visual restoration and reconstruction based on brain computer interface  
**Huiguang He** (China)

**15:34** Visual percepts evoked with intracortical microstimulation in 4 blind volunteers  
**Eduardo Fernandez** (Spain)

**15:45** Biofeedback techniques in low vision rehabilitation  
**Enzo Maria Vingolo** (Italy)

**15:56** Vision restoration and the role of microsaccades in glaucoma  
**Ying Gao** (China)

**16:07** Discussion



## TUESDAY 9 SEPTEMBER 2025

### 14:30-15:30 | ROOM VERDE

#### FIAP GROUP - TECHNOLOGY APPLIED TO NEUROPLASTICITY

Chair: **Marco Gregnanin** (*Italy*)

(see page 54)

### 15:30-16:30 | ROOM VERDE

#### COURSE ID 63

#### CONTEXT MATTERS: ADDRESSING VISION ACROSS THE LIFESPAN TO INCREASE PARTICIPATION

**15:30** Utilizing context to establish participation in the NICU and birth-to-three

**Gerri Duran** (*USA*)

**15:46** Environmental access utilizing play across the lifespan

**Carmen McClelland, Gerri Duran** (*USA*)

**16:02** Positioning as an intervention for those with CVI

**Carmen McClelland** (*USA*)

**16:18** Discussion

### 14:30-16:30 | LIMONAIA

#### EUROPEAN SOCIETY OF LOW VISION RESEARCH AND REHABILITATION (ESLRR) SESSION

Chairs: **Maria Begoña Coco** (*Spain*), **Andrew Jonathan Jackson** (*Ireland*)

**14:30** Low vision services in The Netherlands

**Bart Melis-Dankers** (*The Netherlands*)

**14:50** Low vision services in Italy

**Valeria Silvestri** (*Italy*)

**15:10** Low vision services in Spain

**Maria Begoña Coco** (*Spain*), **Joaquín Herrera Medina** (*Spain*)

**15:30** Low vision services in Germany

**Kathleen Kunert** (*Germany*)

**15:50** Low vision services in Ireland

**Andrew Jonathan Jackson** (*Ireland*), **Blaithin Gallagher** (*Ireland*)

**16:10** Panel Discussion

### 14:30-15:30 | ROOM ONICE

#### FROM FRUSTRATION TO SUCCESS: SUPPORT WITH HEALTHCARE PATIENT PORTALS FOR LOW VISION PATIENTS - PART 1

Chairs: **Ava Bittner** (*USA*), **Holly Stants** (*USA*)

**14:30** Usage of healthcare patient portals by visually-impaired patients

**Ava Bittner** (*USA*)

**14:46** Accessibility and training to facilitate low vision patients' independent use of healthcare portal services

**Kayla Gan** (*USA*)

**15:02** Overcoming barriers to effective healthcare app usage

**Holly Stants** (*USA*)

**15:18** Panel discussion



## TUESDAY 9 SEPTEMBER 2025

### 15:30-16:30 | ROOM ONICE

#### FROM DISSATISFACTION TO SUCCESS: TRANSITIONING FROM OVER-THE-COUNTER TO PRESCRIBED VISUAL AIDS - PART 2

Chairs: **Ava Bittner** (USA), **Holly Stants** (USA)

- 15:30** Introduction to over-the-counter (OTC) aids  
**Ashley Deemer** (USA)
- 15:40** Upgrades when over-the-counter magnifiers are not helpful  
**Ava Bittner** (USA)
- 15:50** From dissatisfaction with OTC visual aids to newly prescribed devices  
**Patrick Yoshinaga** (USA)
- 16:00** Outcomes in a private practice: transitioning from high usage rates of OTC magnifiers by AMD patients  
**John Kaminski** (USA)
- 16:10** Summary of findings for pooled data across three practice sites  
**Ashley Deemer** (USA)
- 16:20** Panel discussion

### 14:30-16:30 | ROOM 4

#### LATIN AMERICA LOW VISION SYMPOSIUM: "VISION REHABILITATION IN CLINICAL PRACTICE"

Chairs: **Maria Haddad** (Brazil), **Marcos W. Sampaio** (Brazil)

- 14:30** Epidemiology of visual impairment in Latin America and the interdisciplinary approach in rehabilitation.  
**Beatriz E. Patiño Ramírez** (Mexico)
- 14:47** Vision impairment in childhood and early intervention  
**Rosario Espinoza** (Peru)
- 15:04** Optical prescription in low vision  
**Keila Miriam Monteiro De Carvalho** (Spain)
- 15:21** Public policies in visual rehabilitation in Brazil  
**Maria Haddad** (Brazil)
- 15:30** Vision rehabilitation in inherited retinal diseases  
**José Ronaldo Lima De Carvalho Jr** (Brazil)
- 15:38** Microperimetry and biofeedback training in low vision  
**Alex Hauro Higashi** (Brazil)
- 15:55** Biofeedback training in children with low vision  
**Monica Nido** (Canada)
- 16:15** Photobiomodulation in AMD  
**Rodrigo Hideharo Sato** (Brazil)



## TUESDAY 9 SEPTEMBER 2025

### 14:30-15:30 | ROOM 9

#### ORAL PRESENTATIONS - LOW VISION ORGANIZATION AND SERVICES

Chairs: **Rebecca Kammer** (USA), **Doaa Mabrouk** (Egypt)

- 14:30** Characterizing profitability and practice patterns in low vision service provision in the USA  
**Janet Szlyk, Grace Sorci, Patricia Grant, Kara Crumbliss, Tracy Matchinski, Jeffrey Jackson, William Seiple** (USA)
- 14:38** Integrating vision into stroke care: establishing the Norwegian Vision in Stroke (NorVIS) network  
**Helle Falkenberg, Torgeir Mathisen** (Norway)
- 14:46** New approach for rehabilitation and educational support with parents involvement  
**Doaa Mabrouk** (Egypt)
- 14:54** Model of care for the people with low vision in Bolivia  
**Ariel Cordova<sup>1</sup>, Mesías Vinueza<sup>1</sup>, María Rodríguez<sup>1</sup>, Shirley Quilo<sup>1</sup>, Jonathan Jackson<sup>2,3</sup>, Poonam Shah<sup>4</sup>, Juan Carlos Rojas<sup>1</sup>** (<sup>1</sup>Bolivia, <sup>2</sup>Ireland, <sup>3</sup>United Kingdom, <sup>4</sup>The Netherlands)
- 15:02** World Health Organization Vision Rehabilitation Standards: an international framework for quality of service and networking  
**Federica Calabria<sup>1</sup>, Laura Bozeman<sup>2</sup>, Geraldine Neill<sup>3</sup>, Joaquín Herrera Medina<sup>4</sup>** (<sup>1</sup>Italy, <sup>2</sup>USA, <sup>3</sup>Ireland, <sup>4</sup>Spain)
- 15:10** Promoting low vision rehabilitation and psychosocial counselling for older people with visual impairment in Switzerland  
**Vivianne Visschers** (Switzerland)
- 15:18** Low vision: delivering a coordinated training approach in low and middle income countries (CBM Global Disability Inclusion - CBMG)  
**Poonam Shah<sup>1</sup>, Jonathan Jackson<sup>2</sup>** (<sup>1</sup>The Netherlands, <sup>2</sup>United Kingdom)

### 15:30-16:30 | ROOM 9

#### AMGO, UICI, IAPB ITALIA - NETWORKS AND PATHWAYS SUPPORTING THE FUNCTIONAL REHABILITATION OF BLIND AND VISUALLY IMPAIRED INDIVIDUALS

Chairs: **Filippo Amore** (Italy), **Federico Bartolomei** (Italy), **Giorgio Ricci** (Italy)

- 15:30** Introduction to the symposium  
**Mario Barbuto** (Italy)
- 15:35** D.A.Re. Registry: an overview of the distribution and use of assistive devices in Italy today  
**Gianni Virgili** (Italy)
- 15:44** Tele-rehabilitation services  
**Valeria Silvestri** (Italy)
- 15:53** Beyond the vision: an integrated approach to neurovisual rehabilitation with family engagement  
**Chiara Mastantuono** (Italy)
- 16:02** EBU Low Vision Working Group: what's new  
**Polona Car Djuric** (Slovenia)
- 16:11** Comparing realities in Europe  
**Gaja Bec** (Slovenia)
- 16:20** ONCE Low Vision Foundation: a 360-degree care model  
**Adonay Viera Romero** (Spain)



## TUESDAY 9 SEPTEMBER 2025

### 16:30-17:15 | EXHIBITION AREA PASSI PERDUTI

#### POSTER SESSION - 1B

Chairs: **Rachelle Lin** (USA), **Patrick Yoshinaga** (USA)

### 17:15-18:45 | AUDITORIUM

#### LOW VISION AND THE BRAIN: FUNCTION, PLASTICITY AND RESTORATION - PART 2

Chairs: **Jeffrey Goldberg** (USA), **Bernhard Sabel** (Germany)

- 17:15** Retinal imaging in brain disease  
**Leopold Schmetterer** (Singapore)
- 17:26** Parallel ventral and dorsal sub-routes for visual information processing in health and disease  
**Ferdinand Binkofski** (Germany)
- 17:37** Cerebral visual impairment and brain lesions  
**Francesca Tinelli** (Italy)
- 17:48** Visual impairment and development of multisensory skills and technology  
**Silvia Zanchi** (Italy)
- 17:59** How brain injury leads to visual deficits in children with unilateral cerebral palsy  
**Els Ortibus** (Belgium)
- 18:10** Children with blinding ROP: Habilitation and rehabilitation services  
**Suraj Singh Senjam** (India)
- 18:21** Common neurodegeneration mechanisms shared by normal tension and ocular hypertension glaucoma models  
**Yang Hu** (USA)
- 18:32** Panel discussion

### 17:15-18:45 | ROOM VERDE

#### OUTCOME MEASURES IN VISION RESTORATION CLINICAL TRIALS

Chairs: **Lauren Ayton** (Australia), **Gislin Dagnelie** (USA), **Ralf Hornig** (France)

- 17:15** Introduction: current challenges in low vision outcome measures  
**Gislin Dagnelie** (USA)
- 17:28** Patient reported outcomes  
**Judy Goldstein** (USA)
- 17:41** Mobility assessments in low vision clinical trials  
**Duane Geruschat** (USA)
- 17:54** Virtual reality: a novel way of measuring mobility  
**Arathy Kartha** (USA)
- 18:07** Microperimetry: a clinical endpoint in low vision trials  
**Jasleen Jolly** (United Kingdom)
- 18:20** Visual function and functional vision assessments in vision restoration clinical trials  
**Mahi Muqit** (United Kingdom)
- 18:33** Panel discussion



## TUESDAY 9 SEPTEMBER 2025

### 17:15-18:45 | LIMONAIA

#### MOLECULAR GENETICS AND VISUAL REHABILITATION IN INHERITED RETINAL DISEASES (IRDs)

Chairs: **Fabrice Arcizet** (*France*), **Luigi Donato** (*Italy*)

- 17:15** Molecular genetics and multi-omics approaches to unveil new mechanisms for translational research on IRDs  
**Luigi Donato** (*Italy*)
- 17:30** Post-developmental restoration of vision by rewiring photoreceptor synapses  
**Kirill Martemyanov** (*USA*)
- 17:45** Retinal aquaporins in health and disease: blue light and zinc as key regulators  
**Domenico Mordà** (*Italy*)
- 18:00** Eye drops of small PEDF peptides promote photoreceptor survival in mouse and human models of retinal degeneration  
**Patricia Becerra** (*USA*)
- 18:15** Visual restoration by genetic brain machine interface  
**Fabrice Arcizet** (*France*)
- 18:30** Albinism beyond genetics  
**Andrea Cristiano Piantanida** (*Italy*)

### 17:15-18:45 | ROOM ONICE

#### DIAGNOSTIC, THERAPY AND VISUAL REHABILITATION IN GLAUCOMA AND OPTIC DISEASES

Chairs: **Simona Turco** (*Italy*), **Roberto Volpe** (*Italy*)

- 17:15** Evidence based neuroprotection in glaucoma: randomized clinical trials with citioline oral solution and eye drops  
**Amir Ali Aminoleslami** (*Italy*)
- 17:29** Neuroprotection in real life: how can I treat glaucomatous patients?  
**Michele Figus** (*Italy*)
- 17:43** Prognostic factors of glaucoma progression: a Cochrane review  
**Mapa Prabhath Pyasena** (*United Kingdom*)
- 17:57** Autoantibodies for glaucoma diagnosis and treatment  
**Franz Grus**
- 18:11** External SLT in low and middle-income countries  
**Rupert Bourne** (*United Kingdom*)
- 18:25** Aqueous humor analysis in glaucoma diagnosis and prognosis  
**Alberto Izzotti** (*Italy*)
- 18:39** Panel discussion





## TUESDAY 9 SEPTEMBER 2025

### 17:15-18:45 | ROOM 4

#### LOW VISION PRACTICES IN ASIA

Chairs: **Susan Carden** (*Australia*), **Lisa Ong** (*Singapore*)

- 17:15** Technology in low vision  
**Anna Tan** (*Singapore*)
- 17:25** A bag of LV from The Philippines  
**Sheila Santos-Jimenez** (*Philippines*)
- 17:35** The role of ophthalmologist in vision rehabilitation  
**Yanhong Zou** (*China*)
- 17:45** Role of a social worker in LV rehabilitation - A Singapore experience  
**Priscilla Lim** (*Singapore*)
- 17:55** AI for LV  
**Lisa Ong** (*Singapore*)
- 18:05** Establishing multi-disciplinary low vision service in Thailand: Lessons learned for successful model and challenges  
**Suksri Chotikavanich** (*Thailand*)
- 18:15** Q&A



## TUESDAY 9 SEPTEMBER 2025

### 17:15-18:45 | ROOM 9

#### ORAL PRESENTATIONS - EPIDEMIOLOGY AND PSYCHOLOGY

Chairs: **Junko Kamo** (*Japan*), **Beatriz E. Patiño Ramírez** (*Mexico*)

- 17:15** Challenges in understanding human visual perception and low vision  
**Kazim Hilmi Or** (*Germany*)
- 17:23** Perceptions and implications of vision impairment terminology and definitions across the European Union and the UK: a comparative exploration  
**Blaithin Gallagher<sup>1</sup>**, **Laura Cushley<sup>2</sup>**, **Jonathan Jackson<sup>2</sup>** (*<sup>1</sup>Ireland, <sup>2</sup>United Kingdom*)
- 17:31** Is perceived social support relevant for depression and anxiety in patients with age-related neovascular macular degeneration?  
**Ida Nilsson<sup>1</sup>**, **Hugo Senra<sup>2</sup>**, **Karthikeyan Baskaran<sup>1</sup>**, **Camilla Mohlin<sup>1</sup>**, **Antonio Filipe Macedo<sup>1</sup>** (*<sup>1</sup>Sweden, <sup>2</sup>Portugal*)
- 17:39** A retrospective analysis of certification of sight impairment in Northern Ireland (2014-2024): challenges and critical reflections  
**Jonathan Jackson**, **Laura Cushley**, **Roseleen Mccann**, **Tanya Moutray** (*United Kingdom*)
- 17:47** Are visual function questionnaire goals aligned with goals identified in clinical practice?  
**Phillippa Dorling**, **Bianca Guzman**, **Sonaina Merchant**, **Melissa Ngo**, **Alexis Malkin**, **Nicole Ross**, **Micaela Gobeille** (*USA*)
- 17:55** Sleep problems in adults with visual impairment  
**Ruth van Nispen<sup>1</sup>**, **Hilde Van Der Aa<sup>1</sup>**, **Gianni Virgili<sup>2</sup>**, **Katie Curran<sup>3</sup>**, **Tunde Peto<sup>3</sup>**, **Ysbrand van der Werf<sup>1</sup>**, **Roselie Diederer<sup>1</sup>** (*<sup>1</sup>The Netherlands, <sup>2</sup>Italy, <sup>3</sup>United Kingdom*)
- 18:03** The prevalence of visual impairment in The Netherlands: a meta-analysis and forecast  
**Ellen Elsmann**, **Petra Rausch**, **Hilde Van Der Aa**, **Jan Keunen**, **Caroline Klaver**, **Ruth Van Nispen** (*The Netherlands*)
- 18:11** Challenges faced by individuals with visual impairment accessing healthcare in the UK  
**Chris Dickinson**, **Chu-Heng Lin** (*United Kingdom*)
- 18:19** The psychological assessment of children with visual impairment: results from the PACVI Study  
**Moire Stevenson**, **Annie Chatillon**, **Mariah Lisi** (*Canada*)
- 18:27** Mental health and wellbeing in inherited macular disease  
**Michael Crossland**, **Lottie Wood**, **Marc Tibber**, **Tessa Dekker**, **Michel Michaelides** (*United Kingdom*)
- 18:35** Enhancing access to low vision services for school children with oculo-cutaneous albinism in Nigeria: insights from the Bridge of Sight Foundation/Norvatis project  
**Ekeoma Adure Edemeraro**, **Luke Edemeraro** (*Nigeria*)



## TUESDAY 9 SEPTEMBER 2025

### 18:45-19:45 | AUDITORIUM

#### COURSE ID 46 - VISION REHABILITATION FOR CHILDREN WITH NEUROLOGICAL DISABILITY - A MULTIDISCIPLINARY APPROACH

Organizer: **Luciene Fernandes** (Brazil)

Co-organizer: **Galton Vasconcelos** (Brazil)

- 18:45** Ophthalmologic assessment for vision rehabilitation in children with neurological conditions  
**Galton Vasconcelos** (Brazil)
- 18:55** Functional vision: assessment and interventions  
**Rita De Cassia Ietto Montilha** (Brazil)
- 19:05** Vision rehabilitation: interventions and devices  
**Luciene Fernandes** (Brazil)
- 19:15** Rehabilitation training – the effective use of remaining vision  
**Rosario Espinosa Carrillo** (Peru)
- 19:25** Multidisciplinary strategies to enhance development and inclusion of children with neurological disabilities  
**Ana Claudia Fernandes** (Brazil)
- 19:35** Discussion

### 18:45-19:45 | ROOM VERDE

#### COURSE ID 23 - OCCUPATIONAL THERAPY AND VISION REHABILITATION

Organizer: **Elizabeth Barstow** (USA)

Co-organizer: **Jason Vice** (Birmingham, United States)

- 18:45** Occupational Therapy and Vision Rehabilitation  
**Elizabeth Barstow** (USA)
- 19:10** Occupational Therapy and Vision Rehabilitation  
**Jason Vice** (Birmingham, United States)
- 19:35** Discussion

### 18:45-19:45 | LIMONAIA

#### COURSE ID 18 - EYE MOVEMENTS BEYOND VISUAL IMPAIRMENTS: GAZE PATTERNS TO ASSESS, MODEL AND TRAIN VISUAL AND COGNITIVE PROCESSING

Organizer: **Lucia Schiatti** (Italy)

Co-organizer: **Helene Vitali** (Italy)

- 18:45** Visual function and gaze behavior assessment: bridging vision and higher brain functions  
**Sabrina Signorini** (Italy)
- 18:55** MREye: Magnetic Resonance Imaging of the Human Eye  
**Benedetta Franceschiello** (Switzerland)
- 19:05** Sleep in blindness: from physiological assessments to sleep cognition  
**Helene Vitali** (Italy)
- 19:15** From albatros to LLMs: a gentle tour of advanced statistical modelling for gaze and attention  
**Giuseppe Boccignone** (Italy)
- 19:25** Communicate, play, and learn: the eye tracking system used in rehabilitation for children with complex neurological diseases  
**Serena Previtali** (Italy)
- 19:35** Discussion



## TUESDAY 9 SEPTEMBER 2025

### 18:45-19:45 | ROOM ONICE

#### COURSE ID 42 - ADVANCING VISUAL FUNCTION AND REHABILITATION IN ALBINISM

Organizer: **Rebecca Kammer** (USA)

Co-organizer: **Nicole Ross** (USA)

**18:45** Low vision services and albinism in East Africa

**Rebecca Kammer** (USA)

**19:02** Beyond acuity: mapping visual function across processing levels in albinismplaceholder

**Nicole Ross** (USA)

**19:19** A review of low vision management in a U.S. university clinic

**Swati Modi** (USA)

**19:36** Discussion

### 18:45-19:45 | ROOM 4

#### ORAL PRESENTATIONS - VISUAL REHABILITATION

Chairs: **Susana Chung** (USA), **Simone Santacatterina** (Italy)

**18:45** Perceptual learning of a crowding task in patients with central vision loss - Is there a transfer to other visual tasks?  
**Elena von Perponcher, Mark Greenlee, Tina Plank** (Germany)

**18:53** VR4eVR: virtual reality for enriched visual rehabilitation

**Minke de Boer, Jente Vermeer, Ward Nieboer, Martina Dossi, Ilan Hartskeerl, Angelos Chatzimparmpas, Tanja Nijboer, Renske Grootendorst, Frans Cornelissen** (The Netherlands)

**19:01** Effect of action video game training and conventional physical training on glaucoma patients' visual cognitive performance

**Yihong Peng<sup>1</sup>, Iris Lau<sup>1</sup>, Stanley Winsor<sup>1</sup>, Ben Thompson<sup>2</sup>, Allen Cheong<sup>1</sup>** (<sup>1</sup>Hong Kong, <sup>2</sup>Canada)

**19:09** The impact of COVID-19 on UK low vision assessment services - a mixed methods investigation of service providers' and service users' perspectives

**Elizabeth Frost, Dave Edgar, Chris Dickinson, Ahalya Subramanian** (United Kingdom)

**19:17** New perspectives is low vision rehabilitation

**Kazim Hilmi Or** (Germany)

**19:25** A retrospective study of biofeedback training in low vision patients

**Ghaliyah Nsour, Mariana Misawa, Monica Daibert-Nido, Samuel Markowitz, Max Goldsmith, Kate Teplitsky, Michelle Markowitz, Tina Felfeli** (Canada)

**19:33** Characterizing performance in selected activities and participation of older adults with different types of visual impairment in Singapore: a pilot study

**Debbie Boey<sup>1</sup>, Tamara Tse<sup>2</sup>, Kerry Fitzmaurice<sup>2</sup>, Mei Leng Chan<sup>1</sup>, Leeanne Carey<sup>2</sup>** (<sup>1</sup>Singapore, <sup>2</sup>Australia)

### 18:45-19:45 | ROOM ONICE

#### COURSE ID 28 - SPECIALTY CONTACT LENSES OPTIMIZE VISION AND UTILIZATION OF LOW VISION DEVICES

Organizer: **Sherry Day** (USA)

Co-organizer: **Donna Wicker** (USA)

**18:45** Bright futures: vision rehabilitation for pediatric population with medical contact lenses  
**Sherry Day** (USA)

**19:01** Enhancing vision: role of specialty CL in adults with vision impairment

**Donna Wicker** (USA)

**19:17** Mini-scleral contact lenses optimizes vision and use of devices for visually impaired children with advanced keratoconus

**Zahra Rashid** (Kenya)

**19:35** Discussion



## WEDNESDAY 10 SEPTEMBER 2025

### 08:30-09:45 | AUDITORIUM

#### PEDIATRIC VISUAL REHABILITATION

Chairs: **Linda Lawrence** (USA), **Daniela Ricci** (Italy)

**08:30** How to establish a rehabilitation program - the North American experience  
**Linda Lawrence** (USA)

**08:40** How to establish a rehabilitation program - the South American experience  
**Rosario Espinoza** (Peru)

**08:50** How to establish a rehabilitation program - the Indian experience  
**Sandra Ganesh Chandramouli** (India)

**09:00** How to establish a rehabilitation program - the African experience  
**Adedayo Adio** (Nigeria)

**09:10** How to establish a rehabilitation program - the South East Asia experience  
**Swetha Philip** (Australia)

**09:20** How to establish a rehabilitation program - the European experience  
**Els Ortibus** (Belgium)

**09:30** Panel discussion

### 08:30-09:45 | ROOM VERDE

#### BRAIN INJURY REHABILITATION FOR HOMONIMOUS VISUAL FIELD DEFECTS

Chairs: **Giovanni Sato** (Italy), **Susanne Trauzettel-Klosinsky** (Germany)

**08:30** Rehabilitation of visual field with prisms in hemianopia  
**Giovanni Sato** (Italy)

**08:45** When hemianopia overlaps with alterations in ocular motility, what rehabilitative  
**Roberta Rizzo** (Italy)

**09:00** Visual scanning training for the treatment of hemianopia  
**Fiona Rowe** (United Kingdom)

**09:15** Hemianopia and driving  
**Joanne Wood** (Australia)

**09:30** Hemianopia in children: special features and rehabilitation  
**Susanne Trauzettel-Klosinsky** (Germany)



## WEDNESDAY 10 SEPTEMBER 2025

### 08:30-09:45 | LIMONAIA

#### ORAL PRESENTATIONS - PREVENTION AND SCREENING PROCESSES

Chairs: **Jan Koopman** (*The Netherlands*), **Celeste Limoli** (*Italy*)

- 08:30** Visual screening model for full-term newborns in a public maternity hospital in the state of São Paulo, Brazil  
**Rita Montilha** (*Brazil*)
- 08:38** A digital screening tool for cerebral visual impairment: Percepto  
**Harini Kannan, Sahithya Bhaskaran, Krishna Madhav Chinnari, Raj Agrawal** (*India*)
- 08:46** Inclusive vision screening for multiple disabilities: an outreach model  
**Sahithya Bhaskaran, Vijayalakshmi Perumalsamy** (*India*)
- 08:54** Screening patients for blindness and low vision services: a tool for practitioners  
**Kerry Lueders, Jamie Maffit, Fabiana Perla** (*USA*)
- 09:02** Program for screening and visual monitoring of full-term newborns  
**Rita De Cassia Ietto Montilha** (*Brazil*)
- 09:10** OCT A and Anti Malarial drug-induced maculopathy: a new screening tool?  
**Asma Khallouli, Kallel Zeineb, Selmi Slim, Nourhene Aidi, Afef Maalej** (*Tunisia*)
- 09:18** The prevalence of reduced vision among in-patients in rehabilitation hospital settings and the development of a vision screening tool  
**Amritha Stalin, Tammy Labreche, Shamrozé Khan, Lisa Christian, Abhishek Narayan, Andre Stanberry, Susan Leat** (*Canada*)
- 09:26** A discussion on the strategies adopted to improve low vision prevention and screening in Ghana  
**Nazif Mohammed, Gifty Bofo, Agatha Mensah-Debrah, Jeremiah Badu Shayar** (*Ghana*)
- 09:34** Addressing preventable blindness: Bar Ilan University's Mobile Optometry Clinic Initiative  
**Noah Rapoport, Ziv Siman-Tov, Gad Serrero** (*Israel*)

### 08:30-09:45 | ROOM ONICE

#### ENHANCING VISUAL FUNCTION AND PROMOTING ACCESSIBILITY

Chairs: **James Coughlan** (*USA*), **Preeti Verghese** (*USA*)

- 08:30** Enhancing functional vision of people with central vision loss through perceptual learning  
**Susana Chung** (*USA*)
- 08:43** Motion parallax enhances depth perception in macular degeneration  
**Jade Guenot** (*USA*)
- 08:56** Accessibility for low vision: moving towards objective approaches  
**Yingzi Xiong** (*USA*)
- 09:09** Audiom: an auditory map interface for blind and low vision travelers  
**Brandon Biggs** (*USA*)
- 09:22** Point and listen: making 3D maps and models accessible with natural interactions  
**James Coughlan** (*USA*)
- 09:35** Panel discussion





## WEDNESDAY 10 SEPTEMBER 2025

### 08:30-09:45 | ROOM 4

#### LOW VISION ACADEMY ROUND TABLE - VISUAL IMPAIRMENT BEYOND MAGNIFICATION: BIOLOGICAL AND PHYSICAL VISUAL REHABILITATION

Chairs: **Paolo Limoli** (*Italy*), **Francesca De Rossi** (*Italy*), **Francesca Rucco** (*Italy*)

**08:30** Parainflammation and VI  
**Joseph Sajish Pinackatt** (*Italy*)

**08:38** Mitochondria preservation in visual rehabilitation  
**Federica Franzone** (*Italy*)

**08:46** Nutrition for visual performance  
**Debora Cantarutti** (*Italy*)

**08:54** Cell and secretoma therapy in low vision  
**Paolo Limoli** (*Italy*)

**09:02** Visual rehabilitation without and with cell therapy: differences and evidence  
**Ilaria Ciochetta** (*Italy*)

**09:10** Quantum biomodulation and structural visual  
**Sergio Scalinci** (*Italy*)

**09:18** Aerobic activity and visual rehabilitation  
**Stefano Casaro** (*Italy*)

**09:26** Discussion

### 08:30-09:45 | ROOM 9

#### MENTAL HEALTH IN PEOPLE WITH VISION LOSS: CHALLENGES AND SOLUTIONS

Chairs: **Marit Van Buijsen** (*The Netherlands*), **Ruth Van Nispen** (*The Netherlands*)

**08:30** Stepped-care to decrease depression and anxiety in young adults with vision loss  
**Robert Van Der Linden** (*The Netherlands*)

**08:45** Mental health after sight recovery  
**Michael Crossland** (*United Kingdom*)

**09:00** Post-traumatic stress in older adults with vision loss  
**Edine Van Munster** (*The Netherlands*)

**09:15** Humanising health care: Sharing patients' lived experience of vision impairment and depression with eye care students  
**Kesiah Latham** (*United Kingdom*)

**09:30** Addressing severe mental health problems in the care for persons with vision loss: state of the art  
**Marit Van Buijsen** (*The Netherlands*)

### 09:45-10:30 | EXHIBITION AREA PASSI PERDUTI

#### POSTER SESSION - 2A

Chairs: **Marco Ulises Morales** (*United Kingdom*), **Ayşe Öner** (*Türkiye*)



## WEDNESDAY 10 SEPTEMBER 2025

### 10:30-12:45 | AUDITORIUM

#### BEYOND THE CURRENT TECHNOLOGICAL FRONTIERS AND VISUAL REHABILITATION

Chairs: **Filippo Amore** (Italy), **Marco Ulises Morales** (United Kingdom)

- 10:30** Keynote Lecture: The A.I. for prevention of the blindness and low vision  
**Keane Pearse** (United Kingdom)
- 10:50** Retinal implant research and artificial vision  
**Ralf Hornig** (France)
- 11:03** Overcoming technology barriers  
**Ava Bittner** (USA)
- 11:16** Vision accessibility in the Apple ecosystem  
**Laura Walker** (USA)
- 11:29** AI-based medical imaging for visual impairment  
**Oliver Leingang** (Austria)
- 11:42** New technology for visually impaired people  
**Eleonora Montagnani** (Italy)
- 11:55** New technology for mobility  
**Nathan Deutsch** (Switzerland)
- 12:08** News in nystagmus treatment  
**Davide Cacciatore** (Italy)
- 12:21** The rise of artificial intelligence in medicine: trends, tools, and transformations  
**Sebastiano Saccani** (Italy)
- 12:35** Panel discussion

### 13:00-14:00 | AUDITORIUM

#### COURSE ID 38 - NEW TECHNOLOGIES, APPLICATIONS, AND PATIENT PERCEPTIONS OF ARTIFICIAL INTELLIGENCE IN EYE CARE AND LOW VISION REHABILITATION

Organizer: **Patrick Yoshinaga** (USA)

Co-organizer: **Rachelle Lin** (USA)

- 13:00** AI enhancement of apps, operating systems, handheld and head borne devices, and smart glasses for the blind and visually impaired  
**Patrick Yoshinaga** (USA)
- 13:17** Applications of AI in healthcare: public perception, autonomous AI diagnostic systems, and access to care  
**Rachelle Lin** (USA)
- 13:34** Quality of life, usage and comparison of ai assistance options: perspective from the visually impaired community  
**Wayne Heidle** (USA)
- 13:51** Discussion

### 13:00-14:00 | ROOM VERDE

#### COURSE ID 16 - COMPARING THE USE OF TEXT AND AUDIO IN PATIENTS WITH LOW VISION

Organizer: **David Simpson** (USA)

Co-organizer: **Joshua Robinson** (USA)

- 13:00** Comparing the Use of Text and Audio in Patients with Low Vision  
**David Simpson** (USA)
- 13:25** Comparing the Use of Text and Audio in Patients with Low Vision  
**Joshua Robinson** (USA)



## WEDNESDAY 10 SEPTEMBER 2025

### 13:00-14:00 | LIMONAIA

#### ORAL PRESENTATIONS - QUALITY OF VISION AND QUALITY OF LIFE

Chairs: **Sabina Kef** (*The Netherlands*), **Yang Yu** (*China*)

- 13:00** The Life for Low Vision Questionnaire (LIFE4LVQ): a validated questionnaire evaluating ability and independence  
**Stavroula Almpnidou, Diamantis Almaliotis, Mara Gkioka, Konstantinos Ch. Chatzisavvas, Vasileios Karampatakis** (*Greece*)
- 13:08** Risks for abuse of persons with vision impairments: a nationwide study in The Netherlands  
**Sabina Kef, Dorien Graas, Luc Brants** (*The Netherlands*)
- 13:16** Quality of life assessment of visually impaired students: an application study based on international classification of functioning, disability and health  
**Yuhong Xie, Ting Chen, Haixia Lin, Jianmin Hu** (*China*)
- 13:24** Paths to achieving autonomy in daily life: experience from the Veneto Region  
**Guido Lorenzini, Laura Borghero, Giovanni Sato** (*Italy*)
- 13:32** Low vision and visual rehabilitation care in Thailand: patient's characteristics and expectations among tertiary care  
**Pakornkit Phrueksaodomchai, Bhak Nitithum, Jiraporn Jensuriyarkun** (*Thailand*)
- 13:40** Impact of vision and home environment on the objective evaluation of paying a bill  
**Aleksandra Mihailovic, Xindi Chen, Louay Almidani, Xinxing Guo, Zhuochen Yuan, Ram Swaminathan, Rhonda Miller, Seema Banerjee, Mariah Diaz, Pradeep Ramulu** (*USA*)
- 13:48** Health-related quality of life among visually impaired adults in HealthCamp® groups  
**Heidi Siira, Maria Tyhtilä, Mari Laine, Georg Schleifer, Maria Kääriäinen** (*Finland*)

### 13:00-14:00 | ROOM ONICE

#### ORAL PRESENTATIONS - PEDIATRIC LOW VISION

Chairs: **Anna D'Ambrosio** (*Italy*), **Linda Lawrence** (*USA*)

- 13:00** Considerations in paediatric low vision (re)habilitation  
**Bennett McAllister, Serena Sukhija** (*USA*)
- 13:08** Managing low vision in school children in Victoria, Australia  
**Susan Carden, Deborah Davidson** (*Australia*)
- 13:16** Optic atrophy in children with visual impairment: etiology, clinical features and low vision aid preferences  
**Burcin Cakir, Ozlem Bicer, Zisan Onaran Uner, Demet Yabanoglu, Esra Sahli** (*Turkey*)
- 13:24** Feasibility of an app - Based assessment tool for cerebral visual impairment screening  
**Sahithya Bhaskaran, Harini Kannan, Vijayalakshmi Perumalsamy** (*India*)
- 13:32** Study of executive functions in children with visual impairment: the proposal of an early neuropsychomotor intervention  
**Elena Cocchi, Marika Rolando, Giulia Perasso, Giulia Gavazzi** (*Italy*)
- 13:40** Increased physical activity in congenitally blind and low vision children wearing a pediatric belt cane  
**William Penrod, Robert Enzenauer, Grace Ambrose-Zaken** (*USA*)
- 13:48** Pediatric patient with pathological high myopia and myopic maculopathy: a multidisciplinary approach to low vision management and challenges in an African nation  
**Chinenye Timothy** (*Nigeria*)



## WEDNESDAY 10 SEPTEMBER 2025

### 13:00-14:00 | ROOM 4

#### ORAL PRESENTATIONS - VISUAL REHABILITATION

Chairs: **Anas Obaideen** (USA), **Allen Cheong** (Hong Kong)

- 13:00** Effect of motor and cognitive rehabilitation strategies on visuomotor functional connectivity in glaucoma patients: a pilot study  
**Rohit Misra, Gokulraj Prabhakaran, Mahima Rebello, Khaldoun Al-Nosairy, Constantin Freitag, Cynthia Djuloun, Francie Stolle, Martin Behrens, Lutz Schega, Michael Hoffmann** (Germany)
- 13:08** Assessment tool for occupational performance and mobility - Multisensory approach (ATOMM)  
**Lisa Lombardi, Lauren Moussallem, Maria Kolic, Lauren Ayton, Jessica Timmons, Michelle Sharples, Dean Johnson, Myra McGuinness, Carla Abbott, Penelope Allen** (Australia)
- 13:16** Neurodevelopmental therapy in an interdisciplinary residential care path for children with visual impairment: the experience of the Robert Hollman Foundation  
**Serena Vaglio, Elisa Da Riva, Viviana Baiardi, Elena Mercuriali** (Italy)
- 13:24** The impacts of hearing impairment on vision rehabilitation outcomes  
**Anas Obaideen, Judy Goldstein, Chris Bradley, Robert Massof, Kyoko Fujiwara, Pradeep Ramulu, Yingzi Xiong** (USA)
- 13:32** Awareness of telerehabilitation as related to its implementation and barriers among Indian optometrists  
**Bhuvana Choday** (India)
- 13:40** The influence of braille display line length and dimension on braille reading performance in adulthood: developing evidence-informed indicators to guide device selection in vision rehabilitation  
**Natalina Martiniello, Walter Wittich, Martin Bergevin, Sylvie Cantin, Marie-Claire Lemire** (Canada)
- 13:48** A look into social understanding abilities of children with CVI  
**Lucia Schiatti, Marta Guarischi, Guido Catalano, Roberta Nicotra, Sabrina Signorini, Monica Gori** (Italy)

### 13:00-14:15 | ROOM 9

#### ISLRR MEMBERSHIP ASSEMBLY



## WEDNESDAY 10 SEPTEMBER 2025

### 14:30-16:45 | AUDITORIUM

#### THE PATH TO DEEPER VISUAL RE-MODULATION

Chairs: **Fabrice Arcizet** (*France*), **Paolo Limoli** (*Italy*)

- 14:30** Novel approaches to functional vision assessment  
**Gislin Dagnelie** (*USA*)
- 14:45** Outcome measures in gene therapy clinical trials  
**Lauren Ayton** (*Australia*)
- 15:00** Rehabilitation of LV patients undergoing novel therapies  
**Ronald Schuchard** (*USA*)
- 15:15** Why neuroretinal pathology progresses: oxidative, inflammatory and apoptotic processes  
**Joseph Sajish Pinackatt** (*Italy*)
- 15:30** Retinal molecular biology: the key to containing the progression of neuroretinal diseases  
**Luigi Donato** (*Italy*)
- 15:45** Novel approaches to retinal repair: learning from zebrafish and the potential of mesenchymal exosomes  
**Lucia Poggi** (*Italy*)
- 16:00** Cell therapy and neuroretinal diseases  
**Ayşe Öner** (*Türkiye*)
- 16:15** Cell therapy without cells?  
**Neslihan Sinim Kahraman** (*Turkey*)
- 16:30** Panel discussion

### 16:45-17:30 | EXHIBITION AREA PASSI PERDUTI

#### POSTER SESSION - 2B

Chairs: **Werner Eisenbarth** (*Germany*), **Gemma Gould** (*United Kingdom*)

### 17:30-18:45 | AUDITORIUM

#### DRIVING WITH LOW VISION: INSIGHTS FROM DIVERSE RESEARCH METHODS

Chairs: **Alex Bowers** (*USA*), **Bart Melis-Dankers** (*The Netherlands*)

- 17:30** Voices behind the wheel: central vision loss and advanced vehicle tech  
**Jing Xu** (*USA*)
- 17:40** Driving simulator testing for patients with visual field defects  
**Satoshi Yokota** (*Japan*)
- 17:50** Driving with homonymous visual field loss: simulated driving vs. naturalistic driving  
**Alex Bowers** (*USA*)
- 18:00** Insights on vision and driving performance: closed vs. open road approaches  
**Joanne Wood** (*Australia*)
- 18:10** On-road assessment of low vision drivers in Europe  
**Bart Melis-Dankers** (*The Netherlands*)
- 18:20** On-road testing or simulator-based testing for individuals with visual field loss?  
**Janne Andersson** (*Sweden*)
- 18:30** Panel discussion



## WEDNESDAY 10 SEPTEMBER 2025

### 17:30-18:45 | ROOM VERDE

#### TECHNOLOGICAL APPROACHES TO VISION RESTORATION: BIONIC VISION, GENE THERAPY AND BEYOND

Chairs: **Lauren Ayton** (*Australia*), **Gislin Dagnelie** (*USA*), **Ralf Hornig** (*France*)

**17:30** Introduction: IRD technologies 101  
**Lauren Ayton** (*Australia*)

**17:42** Vision prostheses  
**Michael Barry** (*USA*)

**17:54** Optogenetics  
**Samuel Barone** (*USA*)

**18:06** Small molecules  
**Brian Strem** (*USA*)

**18:18** Sensory substitution devices  
**Patricia Grant** (*USA*)

**18:30** Panel discussion

### 17:30-18:45 | LIMONAIA

#### VISION REHABILITATION FOR THE VISUALLY IMPAIRED: OVERCOMING CHALLENGES

Chairs: **Boshra Elbayoumi** (*Egypt*), **Gianfrancesco M. Villani** (*Italy*)

**17:30** The best tools to overcome challenging cases in childhood visual impairment, experience in 30 years  
**Ayşe Turan** (*Turkey*)

**17:40** Issues in the rehabilitation of low vision persons to read  
**Giovanni Giacomelli** (*Italy*)

**17:50** Low vision rehab for a patient with ocular syphilis and a diabetic patient under semaglutide treatment  
**Olga Goulia** (*Greece*)

**18:00** Artificial intelligence for visually impaired  
**Vanessa Bosch** (*Mexico*)

**18:10** Eyes wide open: confronting low vision rehabilitation blindspots  
**Werner Eisenbarth** (*Germany*)

**18:20** Is it possible for vision restoration techniques to replace LVD?  
**Boshra Elbayoumi** (*Egypt*)

**18:30** Panel discussion





## WEDNESDAY 10 SEPTEMBER 2025

### 17:30-18:45 | ROOM ONICE

#### ORAL PRESENTATIONS - LOW VISION AIDS

Chairs: **Nathan Deutsch** (Switzerland), **Luciene Fernandes** (Brazil)

- 17:30** Categorizing usage of visual assistive technology for daily tasks in seniors with low vision  
**Bethany Arabic, Ava Bittner, Micaela Gobeille, Cecilia Idman-Rait, Alexis Malkin, Jeffrey Ho, Max Estabrook, Nicole Ross** (USA)
- 17:38** Accessibility at the blink of AI: how wearable technology affects independence for the visually-impaired community  
**Swati Modi, Jennifer Tasca, Cassandra Greene** (USA)
- 17:46** Vibrotactile vision: tactile feedback for sensory substitution for visual impairmen  
**Árni Kristjánsson, Ivan Makarov, Nashmin Yehaneh, Hafliði Ásgeirsson, Runar Unnthorsson** (Iceland)
- 17:54** Vision-related quality of life, photoaversion, and optical rehabilitation in achromatopsia  
**Mette Kjøbæk Gundestrup Andersen, Joaquim Torner Jordana, Hanne Nielsen, Svend Gundestrup, Line Kessel** (Denmark)
- 18:02** Evaluating the impact of LED spectral variations on color discrimination in low vision  
**Irie Yu<sup>1</sup>, Katemake Pichayada<sup>2</sup>, Eric Dinet<sup>3</sup>** (<sup>1</sup>Japan, <sup>2</sup>Thailand, <sup>3</sup>France)
- 18:10** Central field Loss patients' ability to select targets with head-pointing using virtual reality: and exploratory psychophysical study  
**Camille Bordeau, Celia Passerel, Carlos Aguilar, Iliana Huyet, Caroline Topart, François Devin, Frederic Matonti, Pierre Kornprobst, Eric Castet** (France)
- 18:18** Use of a light lab for the evaluation of novel augmented reality night vision glasses  
**Karst Max Pieter Hoogsteen, Thijs te Velde, Frank Hoebe, Gerard de Wit** (The Netherlands)
- 18:26** At-home trial of four different head-mounted displays on visual rehabilitation of people with Stargardt disease  
**Diana Schmidt, Christine Kjølholm, Joaquim Torner Jordana, Vibeke Spange, Pernille Højstrup, Bo Larsen, Line Kessel** (Denmark)

### 17:30-18:45 | ROOM 4

#### TELEREHABILITATION FOR LOW VISION: READING OUTCOMES WITH MAGNIFICATION AIDS

Chairs: **Ava Bittner** (USA), **Nicole Ross** (USA)

- 17:30** Patient outcomes after magnifier training via telerehabilitation versus in-office support  
**Ava Bittner** (USA)
- 17:45** Provider observations during telerehabilitation sessions for magnifier training  
**Kayla Gan** (USA)
- 18:00** Patients' close acquaintances' observations of reading changes following magnifier training  
**Nicole Ross** (USA)
- 18:15** Comparison of reading performance tests to patient reported outcomes of reading  
**Micaela Gobeille** (USA)
- 18:30** Panel discussion



## WEDNESDAY 10 SEPTEMBER 2025

### 17:30-18:45 | ROOM 9

#### NEUROVISUAL REHABILITATION A - PREVALENCE, SCREENING AND ASSESSMENT OF NEUROVISUAL DISORDERS

Chairs: **Joost Heutink** (*The Netherlands*), **Silvio Ionta** (*Switzerland*)

- 17:30** CVI clinical practice guidelines and barriers and facilitation for implementation  
**Els Ortibus** (*Belgium*)
- 17:44** Screening for neurovisual disorders in centres for neurorehabilitation  
**Vera Linde Dol** (*The Netherlands*)
- 17:58** Assessing neurological vision impairment - perspective from a specialist optometry clinic residual neglect  
**Christine Hazelton** (*United Kingdom*)
- 18:12** Assessment of reading problems in homonymous hemianopia  
**Sara Tol** (*The Netherlands*)
- 18:26** Extensive assessment before rehabilitation in people with ms - what makes sense and what not?  
**Joost Heutink** (*The Netherlands*)
- 18:40** Essential mindset: using reflective practice to support young children with CVI  
**Kitty Edstrand, Andrea Montano** (*USA*)



## THURSDAY 11 SEPTEMBER 2025

### 08:30-09:45 | AUDITORIUM

#### MYOPIA: MECHANISMS AND STRATEGIES TO SLOW DOWN ITS PROGRESSION (DEFOCUSING, RED LIGHT AND NEW TECHNOLOGIES)

Chairs: **Roberto Caputo** (*Italy*), **Giuliano Stramare** (*Italy*)

**08:30** Introduction

**Roberto Caputo** (*Italy*), **Giuliano Stramare** (*Italy*)

**08:35** Myopia progression from wearing first glasses to adult age: the DREAM Study

**Jan Roelof Polling** (*The Netherlands*)

**09:05** Interventions to slow the progression of myopia in children: a living network meta-analysis

**John Lawrenson** (*United Kingdom*)

**09:35** Discussion

### 08:30-09:45 | ROOM VERDE

#### INTRAOCULAR AND EXTRAOCULAR SOLUTIONS FOR LOW VISION

Chairs: **David Keegan** (*Ireland*), **Julie Silvestri** (*United Kingdom*)

**08:30** Optics and trial results of the IMT and NG SI IMT devices

**Rebecca Kammer** (*USA*)

**08:43** Real world experience with the NG SI IMT and SML devices

**David Keegan** (*Ireland*)

**08:56** Patient selection for the Scharioth macular lens, does a contact simulator help?

**Julie Silvestri** (*United Kingdom*)

**09:09** Patient selection and predicting good outcomes for intraocular magnifying devices: sing IMT experience

**Paola Sasso** (*Italy*)

**09:22** Navigating the built environment - how can we help?

**Laura Cushley** (*United Kingdom*)

**09:35** Panel discussion

### 08:30-09:45 | LIMONAIA

#### UNDERSTANDING BINOCULAR VISION OF PATIENTS WITH MACULAR DISEASE

Chairs: **Gordon Legge** (*USA*), **Gianfrancesco M. Villani** (*Italy*)

**08:30** Mechanisms and alterations of binocular vision in aging and ocular diseases

**MiYoung Kwon** (*USA*)

**08:45** Binocular reading summation and inhibition in macular disease

**Filippo Amore** (*Italy*)

**09:00** Vision training for patients with binocular inhibition

**Valeria Silvestri** (*Italy*)

**09:15** Implications of scotoma overlap in the two eyes in macular degeneration

**Preeti Verghese** (*USA*)

**09:30** Navigating in a realistic VR environment with central field loss: the role of binocular and stereo scotomas

**Jade Guenot** (*USA*)



## THURSDAY 11 SEPTEMBER 2025

### 08:30-09:45 | ROOM ONICE

#### FUNCTIONALITY AND USABILITY OF ASSISTIVE TECHNOLOGY FOR PEOPLE WITH VISION IMPAIRMENT

Chairs: **Alexis Malkin** (USA), **Hilde Van Der Aa** (The Netherlands)

**08:30** The functionality and usability of head-mounted displays (HMDs)  
**Michael Crossland** (United Kingdom)

**08:45** Functionality and usability of artificial intelligence (A.I.) apps and devices  
**William Seiple** (USA)

**09:00** The usability and cost-effectiveness of a blended eHealth intervention to reduce fatigue in adults with vision impairment  
**Manon Veldman** (The Netherlands)

**09:15** Training with use of apps in low vision  
**Alexis Malkin** (USA)

**09:30** Panel discussion

### 08:30-09:45 | ROOM 4

#### SELECTED TOPICS IN CONGENITAL AND EARLY-ONSET DEAFBLINDNESS

Chairs: **Shirley Dumassais** (Canada), **Walter Wittich** (Canada)

**08:30** An environmental scan: challenges and gaps in Canada's healthcare system regarding vision and hearing health  
**Karen Keyes** (Canada)

**08:43** Validation of the life adjustment model as a psycho-educative group intervention  
**Moa Wahlqvist** (Sweden)

**08:56** Management of delayed language development of children with cortical visual impairment in Hope City Foundation  
**Amal Ezzat** (Egypt)

**09:09** Comparing education pathways for deafblind children in the Global South and Global North  
**Walter Wittich** (Canada)

**09:22** Effective partners strategies for enhancing communicative and cognitive abilities of children with congenital deafblindness  
**Saskia Damen** (The Netherlands)

**09:35** Panel discussion



## THURSDAY 11 SEPTEMBER 2025

### 08:30-09:45 | ROOM 9

#### NEUROVISUAL REHABILITATION B - REHABILITATION OF VISUAL DISORDERS AFTER ACQUIRED BRAIN DISEASE

Chair: **Joost Heutink** (*The Netherlands*)

**08:30** Rehabilitation for visual perceptual problems - putting the evidence into practice  
**Christine Hazelton** (*United Kingdom*)

**08:43** Rehabilitation of visual disorders after acquired brain disease  
**Kim Hurst** (*the Netherlands*)

**08:56** Neurovisual rehabilitation of reading problems in hemianopia  
**Gera de Haan** (*The Netherlands*)

**09:09** Adaptive monocular filtering: a forgotten paradigm in neurovisual rehabilitation  
**Jan Koopman** (*The Netherlands*)

**09:22** The effects of neurovisual rehabilitation on daily activities and quality of life - results of ongoing research with PREMs and PROMs at Royal Dutch Visio  
**Joost Heutink** (*The Netherlands*)

**09:35** Discussion

### 09:45-10:30 | EXHIBITION AREA PASSI PERDUTI POSTER SESSION - 3A

Chairs: **Boshra Elbayoumi** (*Egypt*), **Monica Nido** (*Canada*)

### 10:30-12:45 | AUDITORIUM

#### USING YOUR VISUAL IMPAIRED EYE BETTER: STRATEGIES FOR CORRECT VISUAL REHABILITATION

Chairs: **Anna D'Ambrosio** (*Italy*), **Ben Thompson** (*Canada*)

**10:30** Keynote Lecture: Clinical pearls for a successful low vision rehabilitation  
**Donald Fletcher** (*USA*)

**10:50** Recognizing low vision: the how  
**Shamroze Khan** (*Belgium*)

**11:05** Harnessing neuroplasticity for vision rehabilitation  
**Ben Thompson** (*Canada*)

**11:20** Training individuals with low vision to see better: from the eyes of a participant  
**Susana Chung** (*USA*)

**11:35** Assistive devices for individuals with low vision (TBC)  
**Alexis Malkin** (*USA*)

**11:50** How visually impaired patients make decision during navigating unfamiliar environment  
**Allen Cheong** (*Hong Kong*)

**12:05** Biofeedback training for individuals with low vision  
**Monica Nido** (*Canada*)

**12:20** Global low vision rehabilitation services in the post-COVID era  
**Ahalya Subramanian** (*United Kingdom*)

**12:35** Discussion



## THURSDAY 11 SEPTEMBER 2025

### 13:00-14:00 | AUDITORIUM

#### ORAL PRESENTATIONS - QUALITY OF LIFE, DRIVING AND READING

Chairs: **Ashley Deemer** (USA), **Joanne Wood** (Australia)

- 13:00** Patient satisfaction and acceptability of an innovative, behavioral health intervention to improve glaucoma medication management among African Americans  
**Molly Whitney, Christopher Girkin, Brooke Bailey, Payton Rackley, Laura Griggs, Laura Dreer** (USA)
- 13:08** Evaluating the "macular degeneration: what happens next?" question prompt list: enhancing communication in ophthalmology consultations  
**Mariska Scheffer<sup>1</sup>, Juliane Menting<sup>1</sup>, Ruth van Nispen<sup>1</sup>, Sandra van Dulmen<sup>1,2</sup>** (<sup>1</sup>The Netherlands, <sup>2</sup>Sweden)
- 13:16** Survey on vision-related quality of life for visual impairment students: Quanzhou Special Education School Research  
**Ting Chen, Mingjia Wang, Zhikang Liao, Jianmin Hu** (China)
- 13:24** Seeing hazards with low vision: detection, recognition, and boundary perception  
**Qingying Gao, Rama Chellappa, Cheng Peng, Gordon Legge, Roberto Manduchi, Yingzi Xiong** (USA)
- 13:32** A novel head-scanning training program improves blind-side scanning and detection in drivers with hemianopia  
**Alex Bowers, Yi Ni Toh, Patrick Baker, Jing Xu** (USA)
- 13:40** Quality of life and participation after corneal transplantation and potential predictors: a multicenter prospective study  
**Ellen Elsmann, Date Van der Meij, Hilde Van Der Aa, Nathalie Santana, M. Bartels, M. Zaal, Y. Cheng, Rudy Nuijts, Ger Van Rens, Ruth van Nispen** (The Netherlands)
- 13:48** The effects of character size on rapid serial visual presentation reading speed and visual-span profiles in Japanese  
**Miu Kitana, Yefei Liang, Haizeng Fan, Atsuhito Toda, Mai Imazu, Kazuhito Ujima** (Japan)

### 13:00-14:00 | ROOM VERDE

#### COURSE ID 30 - UNDERSTANDING GEOGRAPHIC ATROPHY

Organizer: **Janet Sunness** (USA)

Co-organizer: **Donald Fletcher** (USA)

- 13:00** Understanding geographic atrophy  
**Janet Sunness** (USA)
- 13:25** Assessing and treating macular scotomas  
**Donald Fletcher** (USA)
- 13:50** Discussion





## THURSDAY 11 SEPTEMBER 2025

### 13:00-14:00 | LIMONAIA

#### ORAL PRESENTATIONS - OTHERS

Chairs: **Kazim Hilmi Or** (Germany), **Preeti Verghese** (USA)

- 13:00** Modifications in lighting requirements for visually impaired patients through the implementation of advanced screen technologies  
**Kazim Hilmi Or** (Germany)
- 13:08** Visual evoked potential before and after microperimetry rehabilitation  
**Anna D'Ambrosio, Matteo Dicembrino, Mariantonietta Di Brina, Antonia Delli Calici, Roberto Volpe** (Italy)
- 13:16** The effect of mesenchymal exosome treatment on visual functions in children with CVI  
**Semrin Timlioglu Iper, Enes Kesim, Ibrahim Kamer, Burak Tatli** (Turkey)
- 13:24** Role of parents in employability preparations for children and young people with blindness or low vision in Australia  
**Natalie Kaine, Anne Honey, Chris Chapparo, Julianne Challita** (Australia)
- 13:32** Making research on vision and stroke relevant: a Norwegian priority setting partnership initiative  
**Torgeir Mathisen, Helle Falkenberg** (Norway)
- 13:40** A pilot educational programme on low vision for ophthalmology residents in Singapore  
**Danial Bohan** (Singapore)
- 13:48** Ageing at home with impaired vision: cognitive decline as the tipping point?  
**Tiina Pesonen, Heidi Siira, Johanna Edgren, Satu Elo** (Finland)

### 13:00-14:00 | ROOM ONICE

#### ORAL PRESENTATIONS - LOW VISION ORGANIZATION AND ARTIFICIAL INTELLIGENCE

Chairs: **Blaithin Gallagher** (Ireland), **Doaa Mabrouk** (Egypt)

- 13:00** Building bridges in vision rehabilitation: a model for global collaboration  
**Bett Barstow<sup>1</sup>, Jason Vice<sup>1</sup>, Belinda Leibowitz<sup>2</sup>** (<sup>1</sup>USA, <sup>2</sup>South Africa)
- 13:08** Setting up vision rehabilitation services in Nigeria  
**Adedayo Adio** (Nigeria)
- 13:16** Giving students a voice: self-advocacy training for students with visual impairments to increase confidence, independence, and self-determination  
**Stephanie Jones, Mindy Koehne, Ruth Childs, Kelly Lusk** (USA)
- 13:24** Evaluation of vision language model for way finding tasks  
**Gang Luo<sup>1</sup>, Junxian He<sup>2</sup>, Shrinivas Pundlik<sup>1</sup>** (<sup>1</sup>USA, <sup>2</sup>China)
- 13:32** Accessibility in clinic design: lessons from visually impaired patients  
**Hannah Holzer, Kimberly Papp, Matthew Holzer, Marvi Cheema** (Canada)
- 13:40** Client-centred outcome measurement of orientation and mobility, vision rehabilitation and low vision services  
**Ashley Shaw, Jennifer Urosevic** (Canada)
- 13:48** Benefits and limitations of a scanner and reader with artificial intelligence (AI) enabled spectacle assistive device for individuals with low vision  
**Sneha Aggarwal<sup>1,2</sup>, Radhika Tandon Tandon<sup>1</sup>, Suraj Singh Senjam<sup>1</sup>, Praveen Vashist<sup>1</sup>** (<sup>1</sup>India, <sup>2</sup>United Kingdom)



## THURSDAY 11 SEPTEMBER 2025

### 13:00-14:00 | ROOM 4

#### ORAL PRESENTATIONS - VISUAL REHABILITATION AND PROTHESIS

Chairs: **Michael Barry (USA)**, **Patricia Grant (USA)**

- 13:00** Telerehabilitation: creating access for underserved low vision communities  
**Rebecca Kammer, Nilima Tanna (USA)**
- 13:08** Visuo-motor processing training in individuals with acquired brain injury  
**Valeria Silvestri, Margherita Guidobaldi, Paola Piscopo, Marco Sulfaro, Francesca de Rossi, Simona Turco, Filippo Amore (Italy)**
- 13:16** Exploring the adherence and effectiveness of the telerehabilitation program in school-aged children with vision impairments  
**Margherita Guidobaldi, Valeria Silvestri, Marco Sulfaro, Paola Piscopo, Simona Turco, Francesca de Rossi, Filippo Amore (Italy)**
- 13:24** Preferred retinal locus rehabilitation in patients with acquired macular diseases  
**Nádia Fernandes, Marta Castro Araujo, Tiago Carvalho, Ana Catarina Almeida, Carla Rita dos Santos Costa Lança (Portugal)**
- 13:32** Which type of augmented reality device helps individuals with low vision for various visual tasks?  
**Sarika Gopalakrishnan, Arathy Kartha, Ronald Schuchard, Donald Fletcher (USA)**
- 13:40** Experiences and meanings of the use of non-mimetic ocular prostheses for ocular trauma survivors of the social protests in Chile (2019-2020): a qualitative phenomenological study  
**Patricio Bustamante Veas, Eric Tapia Escobar, Angela Cura Mendez, Sebastián Córdova González, Paula Coñoepean (Chile)**
- 13:48** Bioness Integrated Therapy System (BITS) normative data for healthy adults: visual scanning  
**Lulwah Almulhim, Scott Snyder, Jason Vice, Elizabeth Barstow (USA)**

### 13:00-14:00 | ROOM 9

#### ISLRR MEMBERSHIP ASSEMBLY



## THURSDAY 11 SEPTEMBER 2025

### 14:30-16:45 | AUDITORIUM

#### IMPROVING PERCEPTION: NEUROCOGNITIVE DYNAMICS OF VISUAL IMPAIRMENT AND RELATED NEUROMODULATION

Chairs: **Joost Heutink** (*The Netherlands*), **Silvio Ionta** (*Switzerland*)

- 14:30** Keynote Lecture: Reading disorders due to lesions along the visual pathway  
**Susanne Trauzettel-Klosinsky** (*Germany*)
- 14:50** Vision problems due to brain pathologies  
**Joost Heutink** (*The Netherlands*)
- 15:03** Visual impairment due to stroke  
**Fiona Rowe** (*United Kingdom*)
- 15:16** Effects of visual impairment on neuroplastic changes in the visual cortex  
**Antony Morland** (*United Kingdom*)
- 15:29** Cortical acetylcholine release during visual experience  
**Elvire Vaucher** (*Canada*)
- 15:42** Body-related cognitive effects of low vision  
**Silvio Ionta** (*Switzerland*)
- 15:55** Visual cortical activity in Charles Bonnet syndrome  
**Katrina Da Silva Morgan** (*United Kingdom*)
- 16:08** Brain stimulation and reading or visual skills  
**Allen Cheong** (*Hong Kong*)
- 16:21** Creative interventions for cerebral visual impairment  
**Els Ortibus** (*Belgium*)
- 16:34** Panel discussion



## THURSDAY 11 SEPTEMBER 2025

### 16:45-17:30 | EXHIBITION AREA PASSI PERDUTI

#### POSTER SESSION - 3B

Chairs: **Moa Wahlqvist** (Sweden), **Walter Wittich** (Canada)

### 17:30-18:55 | AUDITORIUM

#### AWARD FOR FIVE TOP-RATED PRESENTATIONS AND POSTER, THANKSGIVING AND FAREWELL GREETING FROM THE AUTHORITIES, AND MORE

Chairs: **Filippo Amore** (Italy), **Anna D'Ambrosio** (Italy), **Federico Bartolomei** (Italy), **Paolo G. Limoli** (Italy), **Simona Turco** (Italy), **Gianfrancesco Villani** (Italy), **Gianni Virgili** (Italy), **Roberto Volpe** (Italy),

#### FIVE TOP-RATED PRESENTATIONS

- 17:30** Analysis of influencing factors on the health utility values evaluation of visually impaired adolescents  
**Bingbing Li, Ting Chen, Jian bo Yao, Jianmin Hu** (China)
- 17:39** The relation between observed parenting behaviour and developmental outcomes in toddlers with vision impairment  
**Carlijn Veldhorst, Sabina Kef** (The Netherlands)
- 17:48** Improved gait in 100 pediatric blind and low vision patients once wearing a pediatric belt cane  
**Paul Chong, Ishani Bakshi, Robert Enzenauer, Grace Ambrose-Zaken** (USA)
- 17:57** A 10 year audit of the neuro-ophthalmic visual impairment clinic  
**Moyra McClure, Pamela Anketell, Sonia George, Andrew Jonathan Jackson** (United Kingdom)
- 18:06** Audio-luminous biofeedback training for improving visual functions and quality of life in children with infantile nystagmus: a long-and-short term analysis  
**Monica Nido, Ghaliyah Nsour, Mariana Misawa, Max Goldsmith, Michelle Markowitz, Samuel Markowitz** (Canada)

#### FIVE TOP-RATED POSTERS

- 18:15** Developing interpersonal skills: intergenerational interactions in vocational training in schools for the blind  
**Erika Matsuda, Shuji Tsuda, Hisae Miyauchi** (Japan)
- 18:20** Sheet music for low vision - a simulation study  
**Natsuki Toguchi, Momoka Nakagawa, Kuranishi Kiara, Koichi Oda** (Japan)
- 18:25** Exploring the professional characteristics of healthcare and educational specialists involved in the management of cerebral visual impairment in Singapore  
**Yi Ling Tan** (Singapore)
- 18:30** Effects of neuro-photostimulation and ionotherapy induction on visual acuity and retinal sensitivity in patients with glaucoma and myopia: a pilot study  
**Ilaria Ciochetta** (Italy)
- 18:35** Comparison between neural photostimulation with pattern-microperimetric technique and the technique enhanced by stimulation with negative ions in patients with age-related macular degeneration  
**Marco De Dominicis** (Italy)
- 18:40** Career award to Gordon Legge  
**Ben Thompson** (Canada)

and thanksgiving and farewell greeting from the authorities



## THURSDAY 11 SEPTEMBER 2025

### 17:30-18:45 | ROOM VERDE

#### READING WITH LOW VISION

Chairs: **Aurelie Calabrese** (*France*), **Antonio Filipe Macedo** (*Sweden*)

- 17:30** Assessment of newly designed fonts for visual accessibility  
**Gordon Legge** (*USA*)
- 17:42** Reading magnified newspapers versus newspapers magnification: a new method to address the local/global navigation problem on digital devices  
**Sebastian Gallardo** (*France*)
- 17:54** Reading with low vision: visual acuity, print size and magnification  
**Susana Chung** (*USA*)
- 18:06** Influence of the linguistic word features when reading with a central scotoma  
**Eole Lapeyre** (*France*)
- 18:18** The use of PRL in free reading  
**Arda Fidanci** (*USA*)
- 18:30** Discussion

### 17:30-18:45 | LIMONAIA

#### MICROPERIMETRY FROM RESEARCH TO CLINICAL APPLICATIONS

Chairs: **Winfried Amoaku** (*United Kingdom*), **Marco Ulises Morales** (*United Kingdom*)

- 17:30** MP pearls & pitfalls  
**Georg Ansari** (*Switzerland*)
- 17:43** The role of the preferred retinal locus (PRL) in retinal diseases  
**María Begoña Gacimartín** (*Spain*)
- 17:56** Longitudinal structure-function correlation  
**Jasleen Jolly** (*United Kingdom*)
- 18:09** Rehabilitation pathway from microperimetry to orientation and mobility  
**Davide Cacciatore** (*Italy*)
- 18:19** Evolution of microperimetry, the past, present and future  
**Marco Ulises Morales** (*United Kingdom*)
- 18:32** Visual rehabilitation case reports from a real-world clinical practice  
**Kawtar Faik** (*Italy*)



## THURSDAY 11 SEPTEMBER 2025

### 17:30-18:45 | ROOM ONICE

#### COURSE ID 50 - VISIONS THROUGH THE AGES: NARRATIVES OF BLINDNESS FROM RENAISSANCE ART HISTORY TO MODERN ACCESSIBILITY

Organizer: **Rachelle Lin** (USA)

Co-organizer: **Patrick Yoshinaga** (USA)

VISIONS THROUGH THE AGES NARRATIVES OF BLINDNESS FROM RENAISSANCE ART HISTORY TO MODERN ACCESSIBILITY

**17:30** Representation and narratives of blindness in art history and modern times."  
**Rachelle Lin** (USA)

**17:47** Examining the effects of vision loss on art creation  
**Patrick Yoshinaga** (USA)

**18:04** Art accessibility for today and the future  
**Wayne Heidle** (USA)

**18:21** Discussion

### 17:30-18:45 | ROOM 4

#### DEAFBLINDNESS ACROSS THE LIFE-SPAN

Chairs: **Karen Keyes** (Canada), **Walter Wittich** (Canada)

**17:30** The development of the WHO ICF core sets for deafblindness for children and youth  
**Shirley Dumassais** (Canada)

**17:45** This is not about football only, it is about the right to PARTICIPATION  
**Rolf Lund** (Sweden)

**18:00** Labour market participation of people with acquired deafblindness  
**Eline Heppe** (The Netherlands)

**18:15** The influence of varying degrees of dual sensory loss on daily life  
**Esther Veenman** (The Netherlands)

**18:30** An invisible disability - developing strategies for older Australians with dual sensory impairment  
**Moira Dunsmore** (Australia)





## THURSDAY 11 SEPTEMBER 2025

### 17:30-18:45 | ROOM 9

#### MANAGEMENT OF CVI

Chairs: **Linda Lawrence** (USA), **Daniela Ricci** (Italy)

- 17:30** Models of intervention in different countries  
**Linda Lawrence** (USA)
- 17:42** Building collaborative teams: effective strategies for assessing and intervening in children with CVI  
**Terry Schawartz** (USA)
- 17:54** The important role of teachers on the CVI team  
**Kelly Lusk** (USA)
- 18:06** Early intervention in CVI  
**Andrea Guzzetta** (Italy)
- 18:18** Family center care and CVI  
**Martha Montello** (USA)
- 18:28** Testimony  
**William Francis Jhonson** (USA)
- 18:38** Discussion

### 18:45-19:30 | GARDEN

#### FAREWELL RECEPTION

**POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025**

- P01 Artificial intelligence-assisted quantification of hyperreflective foci as predictive biomarkers in retinal vein occlusion: a comparative study of intravitreal Anti-VEGF and dexamethasone therapies  
**Giovanna Carnovale Scalzo, Domenico Chisari, Raffaella Gioia, Adriano Carnevali** (*Italy*)
- P03 D4BLISS: digital for BLInd autonomouS skiing  
**Mirco Fava, Giovanni Perona, Marco Allegretti, Isabella Bordi, Chiara Mastantuono, Daniele Sabatini** (*Italy*)
- P04 Enhancing rehabilitation for low vision with digital twins  
**Kazim Hilmi Or** (*Germany*)
- P05 Utilizing an artificial intelligence ChatBot in low vision clinic  
**Truyet Tran** (*USA*)
- P06 Causes of visual impairment and blindness in youth and early adulthood in patients attended at the low vision service of the Conde de Valenciana Institute of Ophtalmology between 2017 and 2021  
**Alexis Altamirano** (*Peru*)
- P07 Employment status and support needs of people with visual impairment in Japan: an analysis based on a nationwide survey  
**Yasushi Nakano, Toyoharu Yoshiizumi, Hisae Miyauchi, Shiori Yamamoto, Konomi Fukuda, Yusaku Katada, Ari Shinojima, Toshihide Kurihara** (*Japan*)
- P09 Heart health in our visually impaired patients: do visually impaired individuals have more cardiac symptoms than normally sighted individuals?  
**Karen Squier** (*USA*)
- P10 Impact of low vision and blindness on academic and professional live: insights from the Visual Education and Rehabilitation Centre at Policlinico di Bari (2023-24)  
**Marina Piepoli, Valentina Pastore, Margherita Capobianco, Annalisa Palmisano, Andrea Ferrara, Giovanni Alessio** (*Bari*)
- P11 Initial study on the demographics and clinical characteristics of visually impaired athletes in the Philippines  
**Sheila Santos-Jimenez, Katrina Feliciano, Angelo Jud Cruz** (*Philippines*)
- P12 Medical and legal point of view for low-vision patients  
**Sonia Palmieri, Gian Piero Covelli, Pietro Alberto Cusimano, Francesco Famá, Luciana Vlachos** (*Italy*)
- P13 Patients with a visual disability certificate treated in a university hospital in the metropolitan area of Buenos Aires, Argentina: characteristics and associated diagnoses  
**Betty Arteaga, Natalia Mascheroni** (*Argentina*)
- P14 Prevalence of low vision and its preventable causes: a hospital based study  
**Ashma Manandhar** (*Nepal*)
- P15 Prevalence of visual impairment and refractive errors in Nepalese students with disability  
**Hari Thapa** (*Nepal*)
- P16 Tailoring low vision services to individuals with a different cultural background  
**Evelien Hollestelle, Monica Kostveloren** (*The Netherlands*)
- P17 The 10-year demographic and clinical profiles of low vision patients in the national specialty center for eye care in the Philippines  
**Rafael Fontanilla, Sheila Santos-Jimenez** (*Philippines*)
- P18 Visual impairment and refractive error in rural Nepalese children under five years of age  
**Mahesh Dev<sup>1</sup>, Hari Thapa<sup>1</sup>, Kabindra Bajracharya<sup>1</sup>, Sirshendu Chaudhuri<sup>1</sup>, Namrata Pandey<sup>1</sup>, Saraswati Khadka<sup>2</sup>, Katie Judson<sup>2</sup>, Ken Bassett<sup>3</sup>, Prakash Paudel<sup>3</sup>** (*<sup>1</sup>Nepal, <sup>2</sup>Canada, <sup>3</sup>Australia*)
- P19 Visual-functional impact of people affected by severe ocular trauma during social protests in Chile 2019  
**Patricio Bustamante Veas, Joaquín Varas Reyes, Eric Tapia Escobar, Miguel Campos Garrido, Jose Sanhueza, Claudia Salazar, Nicole Tapia, Gianinna Mantero, Nayadet Vergara** (*Chile*)



## POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P20 CACNA1F-related optic atrophy: a case report  
**Anja Palmowski-Wolfe<sup>1</sup>, Carlo Rivolta<sup>1,2</sup>, Kaminska Karolina<sup>1</sup>, Georg Ansari<sup>1</sup>, Mathieu Quinodoz<sup>1,2</sup>**  
(<sup>1</sup>Switzerland, <sup>2</sup>United Kingdom)
- P21 Identification of visual cortex abnormalities with innovative fMRI micro-probing  
**Michael Hoffmann<sup>1</sup>, Khaldoun Al-Nosairy<sup>1</sup>, Elisabeth Quanz<sup>1</sup>, Joana Carvalho<sup>2</sup>, Frans Cornelissen<sup>3</sup>, Gokulraj Prabhakaran<sup>1</sup>** (<sup>1</sup>Germany, <sup>2</sup>Portugal, <sup>3</sup>The Netherlands)
- P22 A multisensory approach in neurodevelopmental therapy of the child with visual impairment: the experience of Robert Hollman Foundation  
**Elisa Da Riva, Serena Vaglio, Viviana Baiardi, Valeria Biuso, Elena Mercuriali** (Italy)
- P23 Exploring the professional characteristics of healthcare and educational specialists involved in the management of cerebral visual impairment in Singapore  
**Yi Ling Tan** (Singapore)
- P24 Interdisciplinarity and Interprofessionality in early intervention: repercussions of an course in eye health  
**Rita Montilha, Gabriela Cordeiro Correa do Nascimento, Ana Claudia Fernandes** (Brazil)
- P25 Long-term functional results after cataract extraction without intraocular lens implantation in children under one year of age  
**Eva Calpe, Gemma Julio, Alba Herrero, Andrea Pastor, Luz Maria Torres, Rafael I. Barraquer** (Spain)
- P26 Optimizing initial contact lens power in infantile aphakia after cataract surgery  
**Eva Calpe, Eloi Rodriguez, Gemma Julio, Luz Maria Torres, Andrea Pastor, Rafael I. Barraquer** (Spain)
- P27 Seeing is not the that looking. Working for his future  
**Maria Veronica Lopez Fernandez** (Argentina)
- P28 The impact of early intervention in pediatric population  
**Linda Pang** (USA)
- P29 A multisensory approach to improve color association in low vision children  
**Anna D'Ambrosio, Maria Teresa Gatta, Alessandro Di Giorgio, Maria Pia Sabatino** (Italy)
- P30 Amblyopia rehabilitation: a preliminary study on the efficacy of an alternative therapeutic method within Italian patients  
**Giambattista Bari, Anna D'Ambrosio, Francesco Petrizzelli, Antonio Laborante** (San Giovanni Rotondo)
- P31 Analysis of the causes of visual impairment and rehabilitation goals in patients of the visual rehabilitation service of Ghent University Hospital (2020-2024)  
**Julie Sambaer, Ann Vandesteene, Ellen Van de Ginste, Charlotte De Reu, Sophie Walraedt, Inge Joniau** (Belgium)
- P32 At-home training on a dichoptic reading application to improve vision in adults with amblyopia  
**Nicole Dranitsaris, Robert Hess, Alexandre Reynaud** (Canada)
- P33 Biofeedback and perceptual learning as intensive visual rehabilitation: a case report  
**Margherita Guidobaldi, Marco Sulfaro, Valeria Silvestri, Simona Turco, Filippo Amore** (Italy)
- P34 Comparision of visual rehabilitation with and without cell therapy: clinical and statistical evidence  
**Ilaria Ciochetta** (Italy)
- P35 Comparison between neural photostimulation with pattern-microperimetric technique and the technique enhanced by stimulation with negative ions in patients with age-related macular degeneration  
**Marco De Dominicis** (Italy)
- P36 Cost-effectiveness of basic vision rehabilitation service in Portugal - randomized controlled trial  
**Laura Hernández Moreno<sup>1</sup>, Hugo Senra<sup>1</sup>, Natacha Moren<sup>1</sup>, Ana Patricia Marques<sup>2</sup>, Antonio Filipe Macedo<sup>3</sup>** (<sup>1</sup>Portugal, <sup>2</sup>United Kingdom, <sup>3</sup>Sweden)
- P37 Developing interpersonal skills: intergenerational interactions in vocational training in schools for the blind  
**Erika Matsuda, Shuji Tsuda, Hisae Miyauchi** (Japan)



## POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P38 Development of generic care modules for the visual complaints of people with multiple sclerosis - project update  
**Kim Hurst, Fleur Van Der Feen, Joost Heutink** (*The Netherlands*)
- P39 Effectiveness of vision rehabilitation in a patient with central retinitis pigmentosa: a case study  
**Rajeev Prasad** (*India*)
- P40 Effects of neuro-photostimulation and ion induction on visual acuity and retinal sensitivity in patients with Stargardt: a pilot study  
**Riccardo Di Corato** (*Italy*)
- P41 Effects of neuro-photostimulation and ionotherapy induction on visual acuity and retinal sensitivity in patients with glaucoma and myopia: a pilot study  
**Iaria Ciochetta** (*Italy*)
- P42 Enhancing visual rehabilitation: quantifying ocular and motor strategies with digital Ergo-perimetry and eye-tracking  
**Francesca Peveri, Antonella Panizzi, Andrea Canessa, Silvio P. Sabatini** (*Italy*)
- P43 Gathering insights from participants in the OT 1<sup>st</sup> service delivery quality improvement project in vision rehab services  
**Kimberly Hreha, Madison Dunning, Omar Mohiuddin, Fay Tripp, Diane Whitaker** (*USA*)
- P44 Genetically inherited disease low vision rehabilitation study in an urban hospital service  
**Heidi Bowie** (*USA*)
- P45 Insulin and biological visual rehabilitation in patients with neuroretinal degeneration previously treated with mesenchymal cell-derived secretome  
**Celeste Limoli, Paolo Limoli, Marcella Nebbioso** (*Italy*)
- P46 Is biofeedback stimulation for subjects with Stargardt disease an effective long-term treatment? A follow-up review study  
**Monica Pennino, Valeria Silvestri, Paola Piscopo, Marco Sulfaro, Simona Turco, Filippo Amore, Giovanni Giacomelli, Gianni Virgili, Dario Mucciolo, Vittoria Murro** (*Italy*)
- P47 Light table playing activities with parents: effects on visual function and eye-hand coordination in children with visual impairment.  
**Simona Leone, Chiara Velli, Maria Petrianni, Lorenzo Orazi, Maria Mallardi, Francesca Sini, Filippo Amore, Daniela Ricci** (*Italy*)
- P48 Low vision management of uveal coloboma  
**Sunkanmi Arogbokun, Elizabeth Barstow** (*USA*)
- P49 Multidisciplinary approach to rehabilitation of children within the National Centre for blind and Visually Impaired at the University Eye Clinic Ljubljana, Slovenia  
**Silvija Delfin, Sara Rot, Petra Ilc, Katja Molek, Spela Pungartnik, Jasmina Tahirovic** (*Slovenia*)
- P50 Our experience in medical and social rehabilitation of military personnel with complete and rapidly progressive loss of visual functions  
**Kateryna Hrizhymalska, Yulia Saldan, Iryna Pshenychna** (*Ukraine*)
- P51 Personalized gaze-contingent overlays to enhance scotoma awareness in central vision loss  
**Jason Vice, Marcello Maniglia** (*USA*)
- P52 Post-gene therapy visual rehabilitation in Leber's hereditary optic neuropathy: a case of audiovisual stimulation  
**Valentina Facchini, Valentina Salvagno, Aldo Vagge** (*Italy*)
- P53 PRIMA photovoltaic subretinal prosthesis for geographic atrophy  
**Marco Lombardo, Andrea Cusumano, Marco Pileri, Raffaele Mancino, Carlo Nucci, Massimo Cesareo** (*Italy*)
- P55 Providing services in crisis - Experiences of professionals in deafblind rehabilitation during the Covid-19 pandemic  
**Moa Wahlqvist, Mattias Ehn, Agneta Anderzen Carlsson** (*Sweden*)



## POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P56 Psychosocial considerations for the care and rehabilitation of survivors of ocular trauma caused by state agent violence in Chile  
**Joaquín Varas Reyes, Gonzalo Rojas, Matias Ríos, Andrea Herrera, Camila Corral, Sebastián Córdova González, Rodrigo Osorio Larraín** (Chile)
- P57 Reading beyond limits: interventions to combat central scotomas and visual field deficits  
**Dawn Ciccarone, Daniel Hoffman** (USA)
- P58 Telescoping through tunnel-vision: a case report on the role of low vision in steroid-induced glaucoma in a 25-year-old Filipina with juvenile rheumatoid arthritis  
**Rafael Fontanilla, Sheila Santos-Jimenez** (Philippines)
- P59 The effectiveness of visual rehabilitation for students with Down syndrome: a case study  
**Fu-Yu Kuan, Fu-Chun Chang, Ting-Yu Tseng, Ting-Hsuan Lu, Ching-Ying Cheng** (Taiwan)
- P60 The first results of dichoptic therapy in the Georgian population  
**Nino Kobakhidze<sup>1</sup>, Tinatin Jikurashvili<sup>1</sup>, Mariam Mkheidze<sup>1</sup>, Faiza Bhombal<sup>2</sup>** (<sup>1</sup>Georgia, <sup>2</sup>Singapore)
- P61 Three siblings, one diagnosis: a case series on low vision rehabilitation for juvenile macular degeneration in a resource-limited setting  
**Ekeoma Adure Edemeraro** (Nigeria)
- P62 Vision rehabilitation of bilateral optic neuritis secondary to delayed diagnosis of neuromyelitis optica spectrum disorder: a case report  
**Chinenye Timothy** (Nigeria)
- P64 Visual rehabilitation for kindergarten children with special needs  
**Hsi-Pao Hsieh, Chao-An Chi, Min-Muh Sheu, Fu-Yu Kuan, Ching-Ying Cheng** (Taiwan)
- P65 Visual rehabilitation in an infant with aniridia  
**Ana Balta Rodriguez, Silvia Lawlor, Claudia Alvarez Schwarzkopf** (Uruguay)
- P66 Visual rehabilitation in patient survivors of cerebral stroke  
**Floriana Ferranti** (Monza)
- P67 Visual telerehabilitation in adults with low vision  
**Antonella Panizzi, Valentina Facchini, Sven Groenhoff** (Italy)
- P68 Statistical data from the visual monitoring program in early intervention at the Instituto de Cegos da Bahia in Salvador, Bahia, Brazil  
**Ana Carine Martinez, Patricia Lim, Maria de Fátima Góes** (Brazil)
- P69 Non-invasive brain stimulation could enhance visual perception in stroke patients  
**Luis Leal Vega<sup>1</sup>, Adrián Martín Gutiérrez<sup>1</sup>, Antonio Dueñas Laita<sup>1</sup>, Marta Ruiz Mambrilla<sup>1</sup>, Jorge León Morales Quezada<sup>2</sup>, David García Azorín<sup>1</sup>, Juan Francisco Arenillas Lara<sup>1</sup>, Maria Begoña Coco<sup>1</sup>** (<sup>1</sup>Spain, <sup>2</sup>USA)
- P70 A clinical evaluation of a virtual reality headset-based visual field test compared to standard automated perimetry in healthy volunteers and glaucoma patients  
**Maribel Espinosa-Cabrera** (United Kingdom)



**POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025**

- P71 A virtual reality iterative digital cover test for strabismus assessment  
**Federico Ferracini, Francesca Peveri, Carlo Catti, Aldo Vagge, Agostino Gibaldi, Andrea Canessa, Silvio P. Sabatini** (*Italy*)
- P72 Assessment of full-field stimulus threshold test results in Stargardts' disease: correlations with full- field electroretinography, multifocal electroretinography and optical coherence tomography  
**Zekeriya Cetinkaya, Neslihan Sinim Kahraman, Ayse Öner** (*Turkey*)
- P73 Assessing functional vision using eye-tracking in people with visual and intellectual disabilities  
**Minke de Boer, Frans Cornelissen, Aly Waninghe** (*The Netherlands*)
- P74 Assessment of overall function in low vision patients using WHO Disability Assessment Schedule 2.0, Chinese-version Low Vision Quality of Life Questionnaire, and International Classification of Functioning, Disability and Health Rehabilitation Set  
**Zhiyong Meng, Yang Yu, Tongtong Wei, Jianmin Hu** (*China*)
- P75 Assessment of overall functional status applying WHO Disability Assessment Schedule 2.0 in patients with low vision due to diabetic retinopathy  
**Miaoling He, Yang Yu, Jian bo Yao, Jianmin Hu** (*China*)
- P76 Enhancing eye-tracking accuracy through a custom monocular calibration method in virtual reality  
**Federico Ferracini, Francesca Peveri, Carlo Catti, Aldo Vagge, Agostino Gibaldi, Andrea Canessa, Silvio P. Sabatini** (*Italy*)
- P77 How do people with different levels of vision loss estimate distances of different sound sources stimuli?  
**Shahina Pardhan, Andrew Kolarik, Silvia Cirstea, Rajiv Raman, Saranya Velu, Brian Moore** (*United Kingdom*)
- P78 Integrating vision rehabilitation as part of neurorehabilitation in acquired brain injuries in neurological recovery  
**Valeria Silvestri, Margherita Guidobaldi, Paola Piscopo, Marco Sulfaro, Francesca de Rossi, Augusto Fusco, Luca Padua, Filippo Amore, Simona Turco** (*Italy*)
- P79 Investigating inherited retinal diseases in a greek population: functional vision parameters and demographic characteristics  
**Stavroula Almpandou, Diamantis Almaliotis, Anna Nikolaidou, Persefoni Talimtzi, Theodosios Chatziballis, Vasileios Karampatakis** (*Greece*)
- P80 Microsaccadic phase signature: an objective marker of visual field defects in homonymous hemianopia after stroke  
**Ying Gao<sup>1</sup>, Huiguang He<sup>1</sup>, Bernhard Sabel<sup>2</sup>** (*<sup>1</sup>China, <sup>2</sup>Germany*)
- P81 Neurophysiological indicators in pattern visual evoked potential (P-VEP) for predicting amblyopia  
**Jong Soo Lee, Myung Ho Cho, Jae Hyun Kim, Ji Hoon Ban** (*South Korea*)
- P82 Preliminary results on the use and interpretation of intelligence tests for adults with visual impairments: a literature review  
**Cynthia Lamper, Edine van Munster, Marit van Buijsen** (*The Netherlands*)
- P83 Prevalence and clinical associations of visual midline shift in post-stroke individuals: preliminary findings  
**Amritha Stalin<sup>1,2</sup>, Ran Ding<sup>2</sup>, Susan Leat<sup>1,2</sup>, Tammy Labreche<sup>1,2</sup>** (*<sup>1</sup>Canada, <sup>2</sup>Hong Kong*)
- P84 Pulfrich effect: diagnostics challenges in visual perception and rehabilitation  
**Jan Koopman** (*The Netherlands*)
- P85 Reading performance and eye movements in people with low vision due to bilateral age-related macular degeneration  
**Polona Zaletel Benda<sup>1</sup>, Grega Jakus<sup>1</sup>, Jaka Sodnik<sup>1</sup>, Nadica Miljkovic<sup>1,2</sup>, Ilija Tanaskovic<sup>2</sup>, Smilja Stokanovic<sup>2</sup>, Natasa Vidovic Valentincic<sup>1</sup>, Polona Jaki Mekjavic<sup>1</sup>** (*<sup>1</sup>Slovenia, <sup>2</sup>Serbia*)





## POSTER SESSION 2A-2B -WEDNESDAY 10 SEPTEMBER 2025

- P86 Retinal structural changes in infants with hypoxic - Ischemic encephalopathy undergoing therapeutic hypothermia and association with neonatal brain MRI  
**Lorenzo Orazi, Giulia Amorelli, Marta Galanti, Elisa Pede, Francesca Serrao, Francesca Gallini, Domenico Lepore, Filippo Amore, Daniela Ricci** (*Italy*)
- P87 Revisiting perimetry: eye-tracking insights into oculomotor behavior in stroke patients with hemianopia or spatial neglect  
**Marina Shurupova, Alina Aizenshtein, Salima Eneeva, Galina Ivanova, Alexander Latanov** (*Russian Federation*)
- P88 Validation of the Smith Functional Independence Measure in people with low vision in Chile  
**Joaquín Varas Reyes, Patricio Bustamante Veas, Annett Castro Barriga, Fabian Ureta Herrera** (*Chile*)
- P89 Visual acuity thresholds for human face identity recognition  
**Nathan Hupin<sup>1</sup>, Coralie Hemptinne<sup>1</sup>, Philippe Lefèvre<sup>1</sup>, Bruno Rossion<sup>1,2</sup>, Demet Yuksel<sup>1</sup>** (<sup>1</sup>Belgium, <sup>2</sup>France)
- P90 Visual perceptual skills in patients with Usher syndrome  
**Esra Sahli, Ozlem Bicer** (*Turkey*)
- P91 Mutations in RP1 and BEST1 in a patient with retinitis pigmentosa  
**Rafael Fontanilla, Manuel Benjamin Ibañez, Katherine Marik Ferrer** (*Philippines*)
- P92 Accessible designs for adapting mobility devices  
**Ting-Hsuan Lu, Pin-Hsuan Chen, Pei-Chan Teng, Ting-Yu Liu, Ching-Ying Cheng** (*Taiwan*)
- P93 Between self-determination and new dependencies - Experiences of adults with acquired deafblindness in Germany regarding their access to and use of technology  
**Carolin Gravel<sup>1</sup>, Markus Dederich<sup>1</sup>, Karolin Schäfer<sup>1</sup>, Walter Wittich<sup>2</sup>** (<sup>1</sup>Germany, <sup>2</sup>Canada)
- P94 Challenges associated with the use of low-vision assistive devices among low vision patients in Ghana  
**Kwame Osei, Princella Danquah, Sylvester Kyeremeh, Jeremiah Badu Shayar** (*Ghana*)
- P95 Chromatic aberration reductive lenses (CARL): definitive results of the clinical trial involving 10 patients with albinism  
**Caterina Tramontana, Alice Mentana, Giulia Gerosa, Angelo Tramontana, Alessandro Aduc, Giorgio Baiocco, Andrea Cristiano Piantanida** (*Italy*)
- P96 Comparing reading speeds between a head-mounted video display system and spectacle-based optical magnification  
**David Simpson, Kara Hanson, Jennifer Patnaik, Melissa Engle** (*USA*)
- P97 Enhancing educational access: evaluating multimodal tactile graphics technology for blind students  
**Jesse Wienholts** (*The Netherlands*)
- P98 Evaluation and comparison of the efficacy of optical low-vision devices (LVDs) and virtual reality (VR)-based head-mounted devices (HMDs) in enhancing visual acuity and addressing visual requirements among individuals with low vision  
**Sneha Aggarwal, Radhika Tandon Tandon, Suraj Singh Senjam** (*India*)
- P99 Eye drop guide  
**Yin Mei Tin, Priscilla Lim** (*Singapore*)
- P100 Hands-free vibrotactile communication for the visually impaired: optimizing presentation methods and pattern length  
**Nashmin Yehaneh, Ivan Makarov, Mohammadmahdi Karimi, Árni Kristjánsson, Runar Unnthorsson** (*Iceland*)
- P101 Impact of colored medical filters on visually impaired children. "Among visually impaired children, does the use of colored medical filters improve visual acuity and contrast sensitivity (compared to their initial condition)?"  
**Jerome Brohez** (*Belgium*)

**POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025**

- P102 Influencing factors on abandonment of visual aids in visually impaired adolescents  
**Bingbing Li, Yang Yu, Binling Su, Jianmin Hu** (*China*)
- P103 Low vision solutions in a digital age  
**Zhen Kiat Tan, Lisa Ong** (*Singapore*)
- P104 Optical aids to facilitate reading in patients with degenerative eye diseases  
**Daniele Ferrari, Lara Radici, Paola Cassottana, Luca di cello, Michele Iester, Carlo Alberto Cutolo** (*Genoa*)
- P105 Supporting aid of goggles by order made - mutual cooperating system in two Amblyopia  
**Tsutomu Tanzawa, Yusuke Sato, Masaharu Sasaki** (*Japan*)
- P106 Usefulness of IrisVision head-mounted video display system for teens and young adults with congenital or early onset low vision  
**Kara Hanson, David Simpson, Jennifer Patnaik, Melissa Engle** (*USA*)
- P107 Visionary remote rehabilitation app for low vision children  
**Ayse Turan, Sara Erol, Tolga Erol** (*Turkey*)
- P108 Atypical ophthalmological manifestations in a patient with MELAS syndrome and m.3243 A>G mutation  
**Ariadna Garreta-Rafecas** (*Spain*)
- P109 Clinical, ophthalmologic, and genetic characteristics of patients with Bardet-Biedl syndrome  
**Zisan Onaran Uner, Ozlem Bicer, Yasemin Subasi, Esra Sahli** (*Turkey*)
- P110 Combined approach to the treatment of patients with IOL dislocation and secondary glaucoma  
**Tatiana Sokolovskaya, Khadija Magomedova, Natalia Kislitsina, Sultanova Dinara** (*Russian Federation*)
- P111 Longstanding retinitis pigmentosa - a case report  
**Agnes Choi, Mark Feltham, Mei Ying Boon** (*Australia*)
- P112 Minimally invasive laser-surgical treatment of primary open-angle glaucoma and complicated cataract  
**Tatiana Sokolovskaya, Grigoriy Sorokolev, Krasnova Ekaterina** (*Russian Federation*)
- P114 The role of micro-pulsed magnetic field therapy (CEMP) in the management of reactivating myopic CNV despite treatment with an injection of anti-VEGF  
**Joseph Sajish Pinackatt, Manuela Brucculeri** (*Italy*)
- P115 Visual processing following late treatment of bilateral congenital cataracts  
**Noah Rapoport, Maria Lev, Uri Polat, Ehud Zohary** (*Israel*)
- P116 Prevention and early diagnosis of visual dysfunctions  
**Chiara Mastantuono, Luca Labianca, Carlo Brogioni, Irene Di Sanzo, Benedetta Bellagamba, Mirco Fava** (*Italy*)
- P117 Prevention on the road  
**Giulia Torboli** (*Italy*)
- P118 A novel independent living skills program: an interprofessional collaboration between optometry and nursing  
**Serena Sukhija** (*USA*)
- P119 Comparing patient and optometrist judgments of visual abilities associated with 20/40 and 20/200 acuity - Preliminary results  
**Yueh-Hsun Wu, Joseph Showalter, Deyue Yu, Gordon Legge** (*USA*)



## POSTER SESSION 2A-2B -WEDNESDAY 10 SEPTEMBER 2025

- P120 Effects of progressive additional lenses design on visual quality in adult with presbyopia  
**Shih-Hao Tseng, Fang-Chun Lu, Po-Yu Chen, Yi-Han Peng, Ching-Ying Cheng** (Taiwan)
- P121 Functioning and disability in children and adolescents with visual impairment: inputs from the SeeMyLife Project  
**Alice Colombo<sup>1</sup>, Francesca Incagli<sup>1</sup>, Martina Lanza<sup>1</sup>, Maria Eleonora Reffo<sup>1</sup>, Agnese Suppiej<sup>1</sup>, Francesco Parmeggiani<sup>1</sup>, Hélène Dollfus<sup>2</sup>, Erika Guastafierro<sup>1</sup>, Matilde Leonardi<sup>1</sup>** (<sup>1</sup>Italy, <sup>2</sup>France)
- P122 Improving quality of life in young adults with visual impairments who refuse low vision aids due to psychosocial factors  
**Carmen Perez** (USA)
- P123 Patient reported quality of life by glaucoma severity using the glaucoma computerized adaptive test, GlauCAT  
**Aleksandra Mihailovic, Hoang-Viet Tran, Delcora Huggins, Istabraq Musa, Shriya Jain, Pradeep Ramulu, Eva Harper, Ecosse Lamoureux, Mona Kaleem** (Singapore)
- P124 Quality of life of patients with open globe ocular trauma  
**Asma Khallouli, Kallel Zeineb, Belguith Mariem, Nourhene Aidi, Afef Maalej** (Tunisia)
- P125 Refractive error and vision related quality of life for school aged children in Zimbabwe  
**Deborah Tigere<sup>1</sup>, Jonathan Jackson<sup>2</sup>, Edson Munsaka<sup>1</sup>** (<sup>1</sup>Zimbabwe, <sup>2</sup>Ireland)
- P126 The impact of a community-based multidisciplinary low vision rehabilitation clinic on the quality of life of patients with visual impairment  
**Xiu Ling Tan** (Singapore)
- P127 The interconnection of social and health systems  
**Chiara Mastantuono, Luca Labianca, Benedetta Bellagamba, Luigina Petrucci, Irene Di Sanzo, Mirco Fava** (Italy)
- P128 The sexual development and sexual orientation of people with vision impairments  
**Sabina Kef** (The Netherlands)
- P129 Challenges in using contrast sensitivity and reading acuity as dementia biomarkers: The effect of variability  
**Walter Wittich, Natalie Phillips** (Canada)
- P130 Comparison of manual versus electronic automated visual function tests on a 29 year old female with bilateral combined retinal artery and retinal vein occlusion secondary to p- antineutrophil cytoplasmic antibody associated occlusive vasculitis on both eyes  
**Ann Jelynn Marfori, Jed Mikhail Tabangcura** (Philippines)
- P131 Bringing the Clinic Home: Vision-monitoring in patients with AMD using a smartphone app  
**Mehal Rathore, Will Leeney, Stephanie Campbell** (United Kingdom)
- P132 A new method to investigate the effect of movement in multisensory integration in blind children  
**Margherita Sturlese<sup>1</sup>, Helene Vitali<sup>1</sup>, Martina Riberto<sup>1</sup>, Fabio Vannucci<sup>1</sup>, Claudio Campus<sup>1</sup>, David Tovar<sup>2</sup>, David Lewkowicz<sup>2</sup>, Murray Micah M.<sup>3</sup>, Mark Wallace<sup>2</sup>, Monica Gori<sup>1</sup>** (<sup>1</sup>Italy, <sup>2</sup>USA, <sup>3</sup>Switzerland)
- P133 Development of a questionnaire to assess functioning in people with deafblindness: a pilot-study to enhance access to care and support  
**Marianne Rorije, Marleen Smits, Annelies Witsiers, Eline Heppe** (The Netherlands)
- P134 Development and Pilot-study of the communication and language profile for young children with visual impairment  
**Saskia Damen, Marianne Rorije** (The Netherlands)
- P135 Performance-based outcome measures for low vision rehabilitation: comparing self report and virtual reality activities  
**Gislin Dagnelie, Elnaz Bailey, Chris Bradley** (USA)

**POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025**

- P136 Novel approaches to retinal repair: learning from Zebrafish and the potential of exosomes  
**Lucia Poggi, Ignacio Babiloni Chust** (*Italy*)
- P137 App-based assistive technology for low vision clients  
**Natalie Huff, Julianna Eng, Graham Teaford<sup>1</sup> Katherine Apostol, Brianna Gilbert, Jennifer Gibbs, Jasmine Huang** (*USA*)
- P138 Assessment of low vision aids utilization in patients with retinitis pigmentosa in Iran  
**Ali Ayatollahi, Mohammad Hajiebrahimi, Maryam Dashti, Seyed Amirhossein Mirfendereski** (*Iran*)
- P139 The role of 3D printing in the development of assistive technology for the visually impaired  
**Suraj Singh Senjam** (*India*)
- P140 From vibration to vision: enhancing visual substitution through fine-tuned tactile feedback  
**Nashmin Yehaneh, Ivan Makarov, Hafliði Ásgeirsson, Árni Kristjánsson, Runar Unnthorsson** (*Iceland*)
- P141 A comprehensive clinical protocol for managing glare in individuals with low vision through specialized filter lenses to enhance visual resolution, comfort and quality of life  
**Maria Haddad, Karina Eiko Yamashita, Marcos W. Sampaio, Eduardo Bernardino Filho** (*Brazil*)
- P142 Aqueous humor analysis in glaucoma diagnosis and prognosis  
**Alberto Izzotti** (*Italy*)
- P143 Low vision rehabilitation in extensive macular atrophy with pseudodrusen-like appearance: a case series  
**Maria Haddad, Éricles Dos Santos, Bruna Sousa, Eduardo Júnior, Alex Haruo Higashi, Rodrigo Sato** (*Brazil*)
- P144 Binocular contrast sensitivity in symmetric and asymmetric age- related macular degeneration: a comparative study  
**Yuliia Boieva, Pavlo Bezditko** (*Ukraine*)
- P145 Amblyopia treatment in children: about 100 cases  
**Sara Ettouri, Ali Rami, Kawtar El Hadi, Daghouj Ghizlane, Laftimi Zyad, Loubna El Maaloum, Bouchra Allali, Asmaa El Kettani** (*Morocco*)
- P146 A novel virtual reality-based solution to address patching challenges in amblyopia  
**Luis Leal Vega, Maria Begoña Coco, Ainhua Molina Martín, Carlos Javier Hernández-Rodríguez, Rubén Cuadrado Asensio, Ana Vallelado Álvarez, Hortensia Sánchez Tocino, Agustín Mayo Íscar, Juan Francisco Arenillas Lara, David P. Piñero-Llorens** (*Spain*)
- P147 Clinical profile of low vision patients and relationship of age at onset and best corrected visual acuity (BCVA) on quality of life (QoL): a registry based study  
**Nur Hidayah Yusuf, Noor Suriani Mohamad, Mohammad Ridzwan Bihem, Farah Wahidah Hashim, Haizan Farah Hamzah** (*Malaysia*)
- P148 Examination of physical activity, vision, and vision-related quality of life among adults with progressive eye diseases  
**Laura Dreer, Laura Griggs, Alexandra McBrayer, Molly Whitney, Marissa Locy, Laura Rogers** (*USA*)
- P149 Geriatric visual impairment in Malaysia: demographic patterns and quality of life correlates  
**Noor Suriani Mohamad, Mohammad Ridzwan Bihem, Nur Hidayah Yusuf, Farah Wahidah Hashim, Haizan Farah Hamzah** (*Malaysia*)
- P150 Embracing the unseen: building resilience among visually impaired university students from Bangladesh during the pandemic  
**Rashedul Islam Islam<sup>1</sup>, Khorshed Alam<sup>1</sup>, Noor Amin<sup>1</sup>, Mozadded Hossen<sup>2</sup>** (*<sup>1</sup>Bangladesh, <sup>2</sup>USA*)



## POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P151 A follow-up study on effects of O&M training for visually impaired male adults with the traditional Greek cane (klitsa) as a support and identification cane  
**Olga Goulia, Maria Tsanousa, Eytyhia Kapatou, Despoina Tzira, Alexandra Grigoriou, Georgios Stergiopoulos, Achilleas Rasoglou** (Greece)
- P152 Bridging the gap: addressing inadequate training in cerebral visual impairment for orientation and mobility specialists  
**Mindy Koehne, Kelly Lusk, Terry Schwartz** (USA)
- P154 Compensatory skills are key to mobility  
**Jolanda Kremer, Paulien Zuidervaart** (The Netherlands)
- P155 Fall risk assessment in visually impaired: a scoping review of questionnaire based tools  
**Sunkanmi Arogbokun, Sandra Owusu, Lauren Wheeler, Elizabeth Barstow** (USA)
- P156 Implementation of a limited indoor mobility skills education course for physical therapists  
**Joshua Robinson, Katelyn Jordan** (USA)
- P157 Practical conversations about driving  
**Linda Pang** (USA)
- P158 Questionnaires regarding visual impairment and working/commuting  
**Junko Kamo, Naohiko Tanabe, Kenji Kashiwagi, Takeshi Sugahara** (Japan)
- P159 Spatial localization with vision and hearing impairment: discrepancies between perceived difficulty and actual performance in everyday tasks  
**Prachi Agrawal<sup>1</sup>, Nitin Rao<sup>2</sup>, Anas Obaideen<sup>2</sup>, Andre DeGrenier<sup>3</sup>, Chris Bradley<sup>1</sup>, Joseph Nemargut<sup>2</sup>, Yingzi Xiong<sup>1</sup>** (<sup>1</sup>USA, <sup>2</sup>Canada)
- P160 Visual impairment severity and autonomous vehicle accessibility  
**Jing Xu, Kayla Shaw** (USA)
- P161 A re-audit of referrals to the Ulster University low vision service in Northern Ireland  
**Moyra McClure, Aoife Hunter** (United Kingdom)
- P162 Advanced study program (CAS) in interprofessional education for individuals with low vision  
**Kirsten Wahren-Krueger<sup>1</sup>, Laemers Frank<sup>2</sup>** (<sup>1</sup>USA, <sup>2</sup>Germany)
- P163 Bringing light to lives: Baseera's Mission for Vision in Egypt  
**Mohammed Ammar** (Egypt)
- P164 Development of a paediatric low vision team within the children's disability network framework in Ireland  
**Audrey Farrelly** (Ireland)
- P165 Exploration of factors influencing the participation of primary eye care clinicians in low vision services  
**Gemma Gould, Simon Read, Chris Dickinson, Robert Harper** (United Kingdom)
- P166 Human resource and infrastructural development of low vision services in Nigeria  
**Adedayo Adio** (Nigeria)
- P167 Inclusive design: innovative architectural solutions for barrier-free learning with an without visual impairment  
**Simone Zaiser, Frederike Isenberg** (Germany)
- P168 Living your best, bold, blind and visually impaired life: how a podcast is making a difference and changing lives  
**Stephanie Jones, Brian Anderson, Kelly Lusk** (USA)





## POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P169 Management of patients with low vision within an ophthalmology department of a high complexity general hospital integrated into a health network in Buenos Aires, Argentina  
**Betty Arteaga, Celia Sanchez, Natalia Mascheroni** (Argentina)
- P170 One-stop low vision resource portal  
**Yin Mei Tin, Raphael Lim, Priscilla Lim, Ai Tee Aw, Poh Geok Pang** (Singapore)
- P171 Reaching further, integrating vision rehabilitation into the national eye care strategy in Canada  
**Jennifer Urosevic** (Canada)
- P172 The facilitator's toolkit: raising awareness about visual impairment  
**Polona Car Djuric** (Slovenia)
- P173 Working on inclusion: reflection on a collaborative project between ChildVision and the Technological University Dublin (TU Dublin) School of Physics, Clinical & Optometric Sciences  
**Geraldine Neill, Joan Ryan** (Ireland)
- P174 Evaluation of iStent inject trabecular micro-bypass stent implantation with phacoemulsification in cases of mild-moderate primary open angle glaucoma (POAG)  
**Alhumam Alkhusheh, Mohamed AbdelHady** (United Kingdom)
- P175 Microsecond cyclophotocoagulation in glaucoma in eyes with good vision  
**Natalia Palarie** (Moldova)
- P176 The changing landscape for geographic atrophy from AMD -new treatments  
**Janet Sunness** (USA)
- P177 Trans-scleral iontophoresis for non-invasive ocular delivery of lutein as a prevention strategy in patients with age-related macular degeneration  
**Anna Caricato, Paolo Mazzei, Paola Menduno, Mariarosaria Giugliano, Carlo Cagini** (Italy)
- P178 A survey on prescribing trends of anti-glaucoma medications for primary open angle glaucoma management in India  
**Swapna Satyanandan, Sandhya Das** (India)
- P180 Barriers to glaucoma medication adherence in the UK and India: a qualitative study  
**Deborah Bott, Ahalya Subramanian, David Edgar, John Lawrenson, Peter Campbell** (United Kingdom)
- P182 Children's everyday life when a parent has deafblindness - from the perspective of the children and their parents  
**Agneta Anderzen Carlsson<sup>1,2</sup>, Karina Huus<sup>1</sup>, Maria Björk<sup>1</sup>, Ann-Sofie Sundqvist<sup>1</sup>, Camilla Warnicke<sup>1</sup>, Moa Wahlqvist<sup>1</sup>** (<sup>1</sup>Sweden, <sup>2</sup>Norway)
- P183 Consensus on the first version of the World Health Organization (WHO) International Classification of Functioning, Disability and Health (ICF) Comprehensive Core Set for deafblindness  
**Walter Wittich<sup>1</sup>, Shirley Dumassais<sup>1</sup>, Atul Jaiswal<sup>1</sup>, Tosin Ogedengbe<sup>1</sup>, Ricard Lopez<sup>2</sup>, Sarah Granberg<sup>3</sup>** (<sup>1</sup>Canada, <sup>2</sup>Spain, <sup>3</sup>Sweden)
- P184 Cytotoxicity comparison of marketed preserved versus preservative-free brimonidine/timolol (BTFC)  
**Swapna Satyanandan, Sandhya Das** (India)
- P185 Development and utility of a real-time recordable and shareable low vision simulator app  
**Yasushi Nakano** (Japan)
- P186 Development of new tactile educational materials for art education for the visually impaired  
**Hiroshi Katoh, Mitsunobu Matsuo, Toshihiro Kanahori** (Japan)
- P187 Development of professional competences in the field of deafblindness at the Nikolauspfllege Stuttgart (Germany)  
**Maren Marx, Tanja Renz** (Germany)





## POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P188 Dry eye disease and digital eye strain: a survey-based study on practice patterns and lubricant selection  
**Roseline Patel, Sandhya Das** (*India*)
- P189 Dynamic neuropathophysiological changes in Charles Bonnet syndrome  
**Jasleen Jolly<sup>1,2</sup>, Natalie Assaf<sup>1</sup>, Bethany Higgins<sup>1</sup>, Jane Aspell<sup>1</sup>, Elizabeth Michael<sup>1</sup>** (<sup>1</sup>United Kingdom, <sup>2</sup>Australia)
- P190 Evaluation of an adaptive sport & recreation program for USA injured military personnel who are living with a vision impairment: impact on healthy lifestyle behaviors  
**Molly Whitney, Laurie Malone, Alexandra McBrayer, Sarah Lowell, Laura Griggs, Laura Dreer** (*USA*)
- P191 Expressive and receptive communication strategies when conducting remote research with individuals living with deafblindness  
**Norman Robert Boie<sup>1</sup>, Leda Kamenopoulou<sup>2</sup>, Peter Simcock<sup>2</sup>, Meredith Prain<sup>3</sup>, Shirley Dumassais<sup>1</sup>, Walter Wittich<sup>1</sup>** (<sup>1</sup>Canada, <sup>2</sup>United Kingdom, <sup>3</sup>Australia)
- P192 Global north-south representation in action: The ICF Core Sets for Deafblindness as a model for international collaborative research  
**Shirley Dumassais<sup>1</sup>, Tosin Ogedengbe<sup>1</sup>, Xin Yi Li<sup>1</sup>, Maya Saini<sup>1</sup>, Sarah Granberg<sup>2</sup>, Walter Wittich<sup>1</sup>** (<sup>1</sup>Canada, <sup>2</sup>Sweden)
- P193 Measuring functional independence, depression and cognition in adults with deafblindness: feasibility and score analysis  
**Shirley Dumassais<sup>1</sup>, Hamidreza Aminparvin<sup>1</sup>, Atul Jaiswal<sup>1</sup>, Tosin Ogedengbe<sup>1</sup>, Meredith Prain<sup>2</sup>, Ricard Lopez<sup>3</sup>, Walter Wittich<sup>1</sup>** (<sup>1</sup>Canada, <sup>2</sup>Australia, <sup>3</sup>Spain)
- P194 Multisensory architecture for enhanced urban inclusivity  
**Rolf Lund** (*Norway*)
- P195 Ocular manifestations of rheumatoid arthritis  
**Ekaterina Bryantseva** (*Russian Federation*)
- P196 ORVIS: a repertoire of measures available in French that are relevant to visual impairment  
**Norman Robert Boie, Sylvie Cantin, Walter Wittich** (*Canada*)
- P197 Problem-based learning in medical education for students with visual impairments: information and communication technology utilization and the role of oral discussion  
**Momoko Kayano, Satoshi Ayuzawa, Erika Matsuda, Hinata Sakuraba, Sachie Suoh** (*Japan*)
- P198 Skills, thoughts, activities, responsibilities: creating and evaluating the STAR Kit employability home program for children with blindness or low vision  
**Natalie Kaine, Anne Honey, Chris Chapparo, Julianne Challita** (*Australia*)
- P199 Temperature as a circadian timing queue individually impaired  
**Danny Ball** (*United Kingdom*)
- P200 The impact of sighted guide activity on perceptions of low vision and attitudes to disability  
**Ashley Deemer, Rachelle Lin, Patrick Yoshinaga, Wayne Heidle** (*USA*)
- P201 Using the ICF check-list in the functional assessment of individuals living with deafblindness  
**Walter Wittich<sup>1</sup>, Tosin Ogedengbe<sup>1</sup>, Atul Jaiswal<sup>1</sup>, Shirley Dumassais<sup>1</sup>, Ricard Lopez<sup>2</sup>, Meredith Prain<sup>3</sup>** (<sup>1</sup>Canada, <sup>2</sup>Spain, <sup>3</sup>Australia)
- P202 "This sense of not feeling whole": a qualitative analysis of mental wellbeing in adults with inherited macular disease  
**Rachael Canavan, Marc Tibber, Tessa Dekker, Michael Crossland** (*United Kingdom*)
- P203 Beyond low vision optics to psychosocial success  
**Bennett McAllister** (*USA*)
- P204 Comparison and analysis of visual function under different luminance conditions in adults with anxiety symptoms  
**Wen-Ling Chang, Pei-Chan Teng, Yi-Wen Tseng, Fu-Chun Chang, Ching-Ying Cheng** (*Taiwan*)

**POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025**

- P205 Enhancing participation of one-year-old children with visual impairment and additional disabilities through bodily-tactile early intervention  
**Sini Peltokorpi<sup>1</sup>, Saara Salo<sup>1</sup>, Anne Nafstad<sup>2</sup>, Paul Hart<sup>3</sup>, Minna Laakso<sup>1</sup>** (<sup>1</sup>Finland, <sup>2</sup>Norway, <sup>3</sup>United Kingdom)
- P206 Exploring the impact of visual function, depression, and anxiety on socioemotional well-being in low vision patients  
**Micaela Gobeille, Phillippa Dorling, Melissa Ngo, Bianca Guzman, Sonaina Merchant, Alexis Malkin, Nicole Ross** (USA)
- P207 Exploring the integration of mental health services and vision rehabilitation service delivery  
**Ashley Shaw, Claire Sira** (Canada)
- P208 Intensity order illusion in developing sensory substitution devices  
**Ivan Makarov, Nashmin Yehaneh, Hafliði Ásgeirsson, Runar Unnthorsson, Árni Kristjánsson** (Iceland)
- P209 Living with Usher syndrome: a phenomenology study  
**Danial Bohan, Xuanyu Chen, Inez Hung, Yan Hong Chow, Siew Seang Ong** (Singapore)
- P210 Perceptual learning of a crowding task: transfer between different eccentricities in the visual field  
**Tina Plank, Elena von Perponcher, Daniel Kett, Mark Greenlee** (Germany)
- P211 Personal wayfinding preferences regarding cue use and strategy choice in people with visual impairments  
**Dominique Blokland, Nathan Van der Stoep, Maartje Van Loef, Albert Postma, Krista Overvliet** (<sup>1</sup>The Netherlands)
- P212 The effect of group rehabilitation on coping mechanisms and mood in low vision individuals  
**Ursa Muznik, Eva Skrlec Velkavrh, Neza Mastnak** (Slovenia)
- P213 The effects of both free and fixed viewing distance on reading performance in participants with simulated low-vision  
**Kazuhito Ujima, Mai Imazu, Nobuyuki Nagai** (Japan)
- P214 The impact of visual impairment on youth career choices  
**Aline Leavy, Lucien Panchaud** (Switzerland)
- P215 Clinical assessment of reading speed  
**Keziah Latham, Hikmat Subhi** (United Kingdom)
- P216 Reading efficiency, binocular vision, and visual perception  
**Pin-Hsuan Chen, Hsin-Yun Huang, Wen-Ling Chang, Ting-Yu Liu, Ching-Ying Cheng** (Taiwan)
- P217 Reading speed and lexical ability of children: Implications for assessing reading performance in children with low vision  
**Nobuyuki Nagai, Kazuhito Ujima, Mai Imazu, Hironaka Kumagai** (Japan)
- P218 Sheet music for low vision - a simulation study  
**Natsuki Toguchi, Momoka Nakagawa, Kuranishi Kiara, Koichi Oda** (Japan)
- P219 Sportswear for low vision - a simulation study  
**Misaki Sato, Yurina Baba, Ayuko Zama, Koichi Oda** (Japan)
- P220 The effects of low vision on reading performance in Arabic  
**Balsam Alabdulkader, Alhanouf Alghannam** (Saudi Arabia)
- P221 Etiologies of blindness and low vision among Ugandan university students and barriers to support services utilisation: a cross-sectional study  
**Elizabeth Amuge<sup>1,2</sup>, Godfrey Wanok<sup>2</sup>, Anguyo Dralega<sup>1</sup>, Ritah Nakyambadde<sup>1</sup>, Naomi Nsubuga<sup>1</sup>** (<sup>1</sup>Uganda, <sup>2</sup>United Kingdom)
- P222 Work participation in people with visual impairment: a concept mapping study  
**Ruth van Nispen<sup>1</sup>, Richard Daniels<sup>1</sup>, Alessio Barras<sup>2</sup>, Nicolas Ruffieux<sup>2</sup>, Jan Hoving<sup>1</sup>** (<sup>1</sup>The Netherlands, <sup>2</sup>Switzerland)



## POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P223 Infectious keratitis after using cosmetic lens: about a case  
**Sara Ettouri, Samia Zamzami, Arab Lamiaa, Laftimi Zyad, Daghouj Ghizlane, Loubna El Maaloum, Bouchra Allali, Asmaa El Kettani** (*Morocco*)
- P224 Obesity, lifestyle behaviors, and health among adult patients living with progressive eye diseases: implications for health and health promotion  
**Laura Dreer, Laura Griggs, Molly Whitney, Alexandra McBrayer, Marissa Locy, Laura Rogers** (*USA*)
- P225 Plastic arts, education and visual health. Promoting positive attitudes in university students towards the visually impaired  
**Juan Carlos Fernández del Alamo, Cristina Herrero Villoria, María Teresa del Alamo Martín, Rubén Cuadrado Asensio, Rosa María Coco Martín** (*Spain*)
- P226 Interdisciplinarity and empathy towards visually impaired. Collaboration laboratory future optometry and social work practitioners  
**María del Henar Pérez Curiel, María Teresa del Alamo Martín, Rubén Cuadrado Asensio, Rosa María Coco Martín** (*Spain*)
- P227 Social inclusion and self-esteem recovery through artistic engagement  
**Alex Haruo Higashi, Flavia Andrade, Daniel Freitas, Sonia Mitico Gondo, Erica Furukawa, Elisangela Casimiro, Sarah Moraes, Alan Itabashi, Fernando de Andrade, Maria Haddad** (*Brazil*)



## FIAPI GROUP SESSION - TUESDAY 9 SEPTEMBER 2025

**14:30-15:30 | ROOM VERDE**

**FIAPI GROUP - TECHNOLOGY APPLIED TO NEUROPLASTICITY**

Chair: **Marco Gregnanin** (*Italy*)

**ITEX**

ITEX di Marco Gregnanin

Technology and neuroplasticity

**Davide Cacciatore** (*Italy*)



**FONDA**

Vedere Meglio. Sempre.

Fragile vision optical solutions

**Michele Iurilli** (*Italy*)

**ESCHENBACH**

Eschenbach Optik, products for vision technology "Because functionality combined with aesthetics creates self-confidence"

**Patrick Koch** (*Switzerland*)

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