

SYMPOSIUM [M]

Low Vision

25 April 2024

Auditorium of the Jules Gonin Eye Hospital
Lausanne, Switzerland



Jules Gonin Eye Hospital
University department of ophthalmology
Fondation Asile des aveugles

Synopsis

How to best help people with low vision ?

The Low Vision Symposium provides the venue to link the latest scientific discoveries in low vision research to innovative interventional procedures for the management of low vision. Starting from the assessment of the behavioural consequences of low vision, the symposium will highlight the neuropsychological aspects affected by low vision, the modifications in the brain dynamics brought by low vision, up to the current and exploratory clinical protocols to treat the different deficits associated with low vision. Talks will be given in English. The symposium ends with the attribution of a Young Investigator Award to the best student presentations in human vision neuroscience, neuro-ophthalmology, or any related discipline. The symposium is followed-up by the research topic "Neuro-Behavioral Insights on Low Vision and Beyond".

Young Investigator Award : Frontiers Excellence Prize

PhD and master students are encouraged to submit abstracts for the Frontiers Excellence Prize (max 250 words, English). Only registered students are allowed to apply. Registrations can be done on the website <https://events.ophtalmique.ch/evenement/low-vision-symposium>. First, abstracts will be peer-reviewed and evaluated for scientific and/or clinical impact on Human Vision Neuroscience, Neuro-Ophthalmology, Neuropsychology, or any related discipline. The best abstracts will advance to the second step: a short live presentation during the symposium. In the final step, peer-reviewers will judge the candidates and assign award(s). To participate to the Frontiers Excellence Prize, please send an abstract to silvio.ionta@unil.ch by 14 April 2024.

08h00 - 08h30

Welcome Coffee and Registration

08h30 - 08h45

Introduction

Prof. Thomas J. Wolfensberger, Prof. Silvio Ionta, Dr Diego Ghezzi

Session 1

Low Vision Assessment (Moderator: Prof. Reinier Schlingemann)

08h45 - 09h00

Current trends in low vision research

Ms Fatima Anaflous, Fondation Asile des Aveugles (CH)

09h00 - 09h30

**E-health intervention to improve fatigue in adults with visual impairment.
Results from a randomized controlled trial**

Prof. Ruth Van Nispen, Amsterdam University Medical Centers (NL)

09h30 - 10h00

**Cognitive, behavioural and neuropsychological characteristics and interventions
in children with low vision**

Prof. Naomi Dale, University College London (UK)

10h00 - 10h30

Coffee Break

Session 2

Brain Dynamics in Low Vision (Moderator: Prof. Silvio Ionta)

10h30 - 11h00

Visual impairment due to stroke

Prof. Fiona Rowe, University of Liverpool (UK)

11h00 - 11h30

Cortical adaptation and plasticity in response to vision loss

Prof. Susana Chung, University of California, Berkeley (USA)

11h30 - 12h00

Assessment and treatment of vision problems due to brain pathologies

Prof. Joost Heutink, University of Groningen (NL)

12h15 - 13h30

Lunch break

Session 3 **New Perspectives in Low Vision** (Moderator : Prof. Thomas J. Wolfensberger)

13h45 - 14h15 **How to create low vision rehabilitation services**
Prof. Silvio Mariotti, World Health Organization (CH)

14h15 - 14h45 **A global health perspective on the impact of vision impairment on people's life experience**
Prof. Gianni Virgili, University of Florence (IT)

14h45 - 15h15 **Rehabilitation procedures at the Service Social et Réadaptation Basse Vision**
Diana Morais De Almeida & Sophie Jumeau, Fondation Asile des aveugles (CH)

15h15 - 15h45 *Coffee break*

Session 4 **Interventional Strategies in Low Vision** (Moderator : Dr Diego Ghezzi)

15h45 - 16h15 **Assessment and Rehabilitation in Cerebral Visual Impairment**
Prof. Els Ortibus, Katholieke Universiteit Leuven (BE)

16h15 - 16h45 **Neuromodulation with microcurrent stimulation for low vision restoration and rehabilitation**
Prof. Bernhard Sabel, University of Magdeburg (GE)

16h45 - 17h15 **Assistive technologies for the management of individuals with low vision**
Prof. Ahalya Subramanian, City University of London (UK)

17h15 - 17h45 **New technologies for low vision management**
Ms Marine Clogenson, EPFL (CH)

Session 5 **Student presentations for the Frontiers Excellence Prize**

17h45 *Ceremony*

CME Credits: 6

PhD Credits: See website

Avec le soutien de



Bayer



NOVARTIS



frontiers

Alcon



**HAAG-STREIT
SCHWEIZ**



**oerli
ophthalmedic®**



mediconsult
THE WORLD OF OPHTHALMOLOGY

abbvie

BAUSCH+LOMB

**HEIDELBERG
ENGINEERING**



Santen



Johnson & Johnson VISION



NEUR@LITE
Advanced Medical Solutions

Contact

Jules Gonin Eye Hospital

Av. de France 15

1001 Lausanne

Charlotte de Raemy

+41 21 626 84 46

coursetcongres@fa2.ch

Access

No parking available at the venue

Parking du Centre SA, Rte de Genève 31

Parking de Beaulieu, Av. des Bergières 10

www.pms-parkings.ch

By bus from Lausanne train station :

- Bus 3 direction Bellevaux
- Bus 20 and 21 direction Blécherette

Stop at Chauderon