

Event Title: **Low Vision Symposium**

Organizers:

Dr. Diego GHEZZI, Fondation Asile des Aveugles, Lausanne, Switzerland.

Prof. Silvio IONTA, Fondation Asile des Aveugles/University of Lausanne, Lausanne, Switzerland.

Location: Auditorium of the Hôpital Ophtalmique Jules-Gonin, Av. de France 15, 1004 Lausanne, Switzerland

Date: 25 April 2024

Time: 09h00-18h00

Language: English

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 with innovative interventional procedures for the management of impairments due to 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.

PROGRAMME

09h00-09h15 Welcome Introduction

Session1: Low Vision Assessment

09h15-09h30 Ms. Fatima Anafloos, Fondation Asile des Aveugles: "Current trends in low vision research"

09h30-10h00 Prof. Ruth Van Nispen, University of Amsterdam (Netherlands): "E-health intervention to improve fatigue in adults with visual impairment. Results from a randomized controlled trial"

10h00-10h30 Prof. Naomi Dale, University College London (UK): "Cognitive, behavioural and neuropsychological characteristics and interventions in children with low vision"

10h30-11h00 Coffee Break

Session 2: Brain Dynamics in Low Vision

11h00-11h30 Prof. Fiona Rowe, University of Liverpool (UK): "Visual impairment due to stroke"

11h30-12h00 Prof. Susana Chung, University of California, Berkeley (USA): "Cortical adaptation and plasticity in response to vision loss"

12h00-12h30 Prof. Joost Heutink, University of Groningen (Netherlands): "Assessment and treatment of vision problems due to brain pathologies"

12h45-13h45 Lunch break

Session 3: New Perspectives in Low Vision

13h45-14h15 Prof. Silvio Mariotti, World Health Organization (Switzerland): "Creation of vision rehabilitation services"

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

14h45-15h15 Internal speaker of HOJG: "Low Vision Rehab at HOJG"

15h15-15h45 Coffee break

Session 4: Interventional Strategies in Low Vision

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

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

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

17h15-17h45 Dr Charles Baur, EPFL (Switzerland): "New technologies for low vision management"

17h45-18h00 student presentations for the Young Investigator Award

18h00 Ceremony and Apéro