



PROGRAM

NEURO-OPHTHALMOLOGY: FROM BENCH TO BEDSIDE, AND BACK

SEPTEMBER 18-19-20, 2025
LISBOA

FUNDAÇÃO CHAMPALIMAUD

ORGANIZING COMMITTEE

AASEF SHAIKH
ALESSANDRA RUFA
ALEXANDER TARNUTZER
CAROLINE TILIKETE
DAVID ZEE

LOCAL CO-CHAIRS

DÁLIA MEIRA
MARCELO MENDONÇA
JOÃO LEMOS

IN CO-ORGANIZATION WITH CHAMPALIMAUD FOUNDATION

SCIENTIFIC SPONSOR



SOCIEDADE PORTUGUESA
OFTALMOLOGIA

REGISTRATION FEES

	Specialist or Researcher	Resident or Student
RESEARCH DAY (1 day, 18 September 2025)	80€	50€
CLINICAL DAYS (2 days, 19-20 September 2025)	150€	100€
RESEARCH DAY & CLINICAL DAYS (3 days, 18-20 September 2025)	180€	130€
After 31 th August 2025, an additional 50€ fee will be applied		



**MORE INFORMATION AND
REGISTRATION HERE**

RESEARCH DAY

18 September 2025

09h00 Opening Ceremony

09h30 **C1. What did we learn from eye movements about the cerebellum**
David Zee

10h00 **C1. Integrative network models in dystonias – lessons learned from eye movements and applied to movement disorders**
Aasef Shaikh

10h30 **C1. Models of Saccades**
Caroline Froment

11h00 **Coffee Break**

11h30 **C2. Visually guided behaviour**
TBA

12h00 **C2. Locomotor learning under climbing fiber control**
Alice Geminiani

12h30 **C2. Gaze and Posture**
TBA

13h00 **Lunch Break**

14h00 **C3. Visual neuroscience and clinical translation in neurodevelopmental disorders**
Miguel Castelo-Branco

14h30 **C3. Mechanisms of perceptual decision making**
João Castelhana

15h00 **C3. Mechanisms of visual plasticity in humans**
Otília Cardoso d' Almeida

15h30 **Coffee Break**

16h00 **C4. Computational models of saccades**
Stephano Ramat

16h30 **C4. Models of peripheral positional nystagmus**
Anita Bandhari

17h00 **C4. Models of central positional nystagmus**
Alexander Tarnutzer



CLINICAL DAY

19 September 2025

09h00 **C1. Tips, tricks and pearls to diagnose eye movement disorders**
David S. Zee

09h30 **C1. Approach to jerk nystagmus**
Alexander Tarnutzer

10h00 **C1. Approach to pendular nystagmus**
Caroline Froment

10h30 **Case Presentation**

10h45 **Coffee Break**

11h00 **C2. High level view of computational modeling in clinical neurology**
Joe Paton

11h30 **C2. Membrane based models of disorders of saccades and gaze-holding – implication in autoimmune disorders**
Aasef Shaikh

12h00 **C2. Saccades and saccadic intrusions in neurodegenerative disorders**
Janet Rucker

12h30 **Case Presentation**

12h45 **Lunch Break**

14h00 **C3. Gene therapy for retinal diseases**
Pedro Antas

14h30 **C3. Hereditary ataxias**
Alessandra Rufa

15h00 **C3. Hereditary optic neuropathies**
Sérgio Estrela

15h30 **Case Presentation**

15h45 **Coffee Break**

16h00 **C4. Computational modeling of ocular motor plant**
Stephano Ramat

16h30 **C4. Approach to strabismus**
Fatema Ghasia

17h00 **C4. Eye movements in myasthenia and related disorders**
João Lemos

17h30 **Case Presentation**



CLINICAL DAY

20 September 2025

09h00 **C5. What do the eye movements teach us about fatigue in multiple sclerosis**
Alessandro Serra

09h30 **C5. Afferent visual function in multiple sclerosis**
João Lemos

10h00 **C5. The optic nerve in neuromyelitis optical spectrum disorders/MOGAD**
Alessandro Serra

10h30 **Case Presentation**

10h45 **Coffee Break**

11h00 **C6. Artificial Intelligence and retinal Imaging to diagnose neurodegenerative disorders**
Rui Bernardes

11h30 **C6. Ischemic optic neuropathy**
Pedro Fonseca

12h00 **C6. Differential diagnosis of disc edema: intracranial hypertension and more**
Marta Macedo

12h30 **Case Presentation**

12h45 **Lunch Break**

14h00 **C7. Migraine and visual phenomena: lessons learned from structural and functional imaging**
Raquel Gil Gouveia

14h30 **C7. How to interpret visual fields**
Carolina Bruxelas

15h00 **C7. Pupils in neuro-ophthalmology**
Carolina Bruxelas

15h30 **Case Presentation**

15h45 **Coffee break**

16h00 **C8. Retinal imaging in animal models: searching for biomarkers of neurodegeneration**
Sara Oliveira

16h30 **C8. Retinal imaging in humans: the clinical use of optical coherence tomography in assessing retrograde degeneration in post-chiasmal, chiasmal, and pre-chiasmal disease**
Dália Meira

17h00 **C8. Applied visual electrophysiology**
Miguel Raimundo

17h30 **Case Presentation**

17h45 **End**

