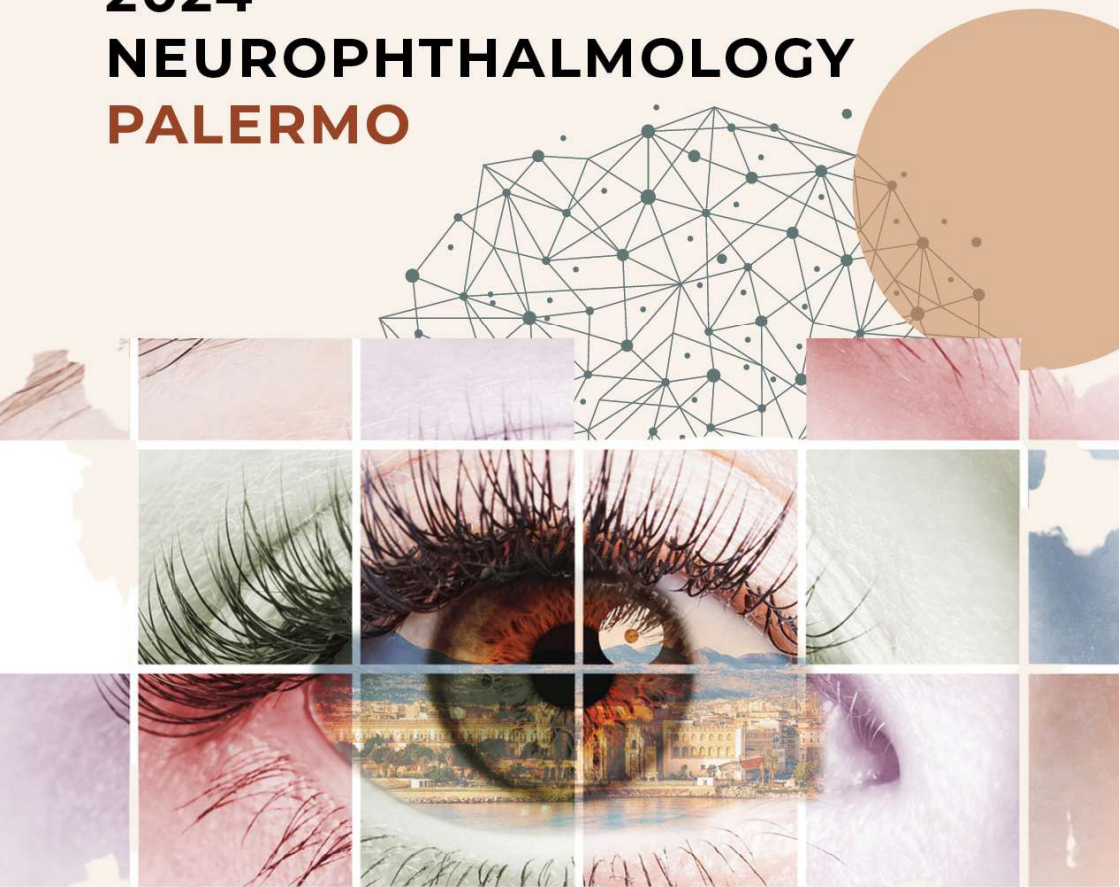


# COURSE 2024 NEUROPTHALMOLOGY PALERMO



## Neurophthalmology Update for Clinicians 2024

**JUNE 22 & 23, 2024  
PALERMO**

Sono stati richiesti i Patrocini di:



UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO



Città di Palermo



REGIONE SICILIANA



SCLE  
ROSI  
MULTI  
PLA  
associazione  
italiana  
un mondo  
libero dalla SCL



Associazione  
Neurologia  
Emergenza  
Urgenza



SOCIETÀ ITALIANA  
NEUROFISIOLOGIA  
SOCIETÀ ITALIANA  
DEI NEUROFISIOLOGI  
SOCIETÀ ITALIANA  
DEI NEUROFISIOLOGI  
SOCIETÀ ITALIANA  
DEI NEUROFISIOLOGI



Sin  
SOCIETÀ ITALIANA DI NEUROLOGIA



CIEN  
SCIENZE  
NEUROLOGICHE  
SPEDALIERE



S.I.S.O.

Neuro-ophthalmology Update for Clinicians: 2024 brings the latest scientific advances in eye movement and vision research to the “clinic”, where ophthalmologists and neurologists diagnose and treat patients with neuro-ophthalmological disorders. Emphasis is on 1) the application and integration of the newer laboratory diagnostic techniques (e.g., video oculography, ocular coherence tomography (OCT), machine learning) into the traditional, bedside examination of patients with decreased or double vision, and 2) the remarkable advances, including gene therapy and neuroprotective agents, in treatment of the disabling disorders that affect eye movements and vision. These include demyelinating diseases such as optic neuritis and multiple sclerosis, degenerative diseases such as Parkinson’s disease, the autoimmune and genetic optic nerve and cerebellar syndromes, mitochondrial disorders, myasthenia gravis, and migraine. Participants will come away with new bedside diagnostic skills as well as the latest algorithms to successfully manage and treat their neuro-ophthalmology patients.

# SCIENTIFIC PROGRAM

22nd JUNE

## SESSION I

**Moderators: Rufa A. (Siena) Messina A.(Palermo) Torregrossa S. (Palermo)**

9:00 - 9:30

### **Approach to disorders of saccades**

A. Shaikh (Cleveland)

9:30 - 10:00

### **Eye movements and vestibular function in emergency medicine and critical care**

A. Tarnutzer (Zurich)

10:00 - 10:30

### **Approach to nystagmus: diagnosis and treatment**

A. Shaikh (Cleveland)

10:30 - 10:40 **Q & A**

## SESSION II

**Moderators: Trombetta J. (Messina) Galizia PL (Roma)**

10:40 - 11:00

### **Pupils in Neuro-ophthalmology**

A. Kawasaki (Lausanne)

11:00 - 11:20

### **Approach to diplopia and ocular misalignment**

F. Ghasia (Cleveland)

11:20 - 11:40 **Coffee break**

### **SESSION III**

**Moderators: O. Musumeci (Messina) V. Carelli (Bologna)**

11:40 - 12:10

**Optic Neuropathy: genetic forms and new treatments**

C. La Morgia (Bologna)

12:10 - 12:40

**Neuro-ophthalmology of genetic ataxias**

S. Colnaghi (Pavia)

12:40 – 12:50 **Q & A**

***12:50 - 13:50 Lunch and E-Poster Session***

### **SESSION IV**

**Moderators: Avitabile T (Catania) M. Gasparro (Palermo) T. Piccoli (Palermo)**

13:50 – 14:10

**Glaucoma-related optic neuropathy and neurodegeneration**

S. Tamburin (Verona)

14:10 - 14:30

**Ischemic optic neuropathy**

A. Sadun (Roma)

14:30 - 14:40 **Q & A**

14:40- 15:10

**Tumors of the optic pathway: diagnosis, treatment and neuro-ophthalmologic management**

S. Bianchi (Milano)

15:10- 15:40 **Moderatori: Patti F (Catania) V. Terruso (Palermo)**

**Differential diagnosis of disc edema: intracranial hypertension and more**  
M. L. Cascavilla (Milano)

15:40- 16:00

**Glymphatic system-venous sinus homeostasis and intracranial hypertension: pathophysiology and treatment**  
F. Bandini (Genova)

16:00 - 16:10 **Q & A**

**16:10 – 16:30 Coffee Break**

## **SESSION V**

**Moderators: Mostile G . (Catania) Quartarone A. (Messina) Pioppo A. (Palermo)**

16:30 – 17:30

**Resident Trainee Case Presentation**  
*Six cases (10 minute each)*

**17:30 – 19:00**

***Hands-on course (20 minutes each)***

17:30 – 17:50

**The examination of eye movements and vestibular system in clinical practice**  
D. Zee (Baltimore)

17:50 – 18:10

**Significance and interpretation of the OCT in clinical practice**  
P. Barboni (Bologna)

18:10 – 18:30

**Neurophysiology of the visual pathway ERG, PEV, PERG mfERG  
significance and clinical interpretation**

V. Parisi (Roma)

18:30 – 19:00

**Interpretation of visual fields in neuro-ophthalmological  
disorders**

C. Gagliano (Catania)

23rd JUNE

**SESSION VI**

**Moderators: Zappia M. (Catania) Nicoletti A. (Catania)**

8:30 - 9:00

**Rehabilitation of cortical visual defect after stroke**

M. Corbetta (Padova)

9:00 - 9:30

**Diagnosing eye movement disorders over the telephone**

D. Zee (Baltimore)

**Moderators: Rizzo M. (Palermo) Terranova C. (Messina)**

09:30 - 10:00

**Hyperkinetic involuntary eye movements**

A. Priori (Milano)

10:00 - 10:30

**Update on instrumented measures and analyses of eye movements**

A. Rufa (Siena)

10:30 - 10:40 Q & A

**10:40 - 11:00 Coffee Break**

**SESSION VII**

**Moderators: Di Stefano V (Palermo) Cottone S (Palermo)**

11:00 - 11:30

**Approach to pediatric eye movement disorders**

F. Ghasia (Cleveland)

11:30 - 12:00

**Eye movements in myasthenia gravis**

K. Weber (Zurich)

**Moderators: Lupica A. (Messina) Rizzo V. (Messina)**

12:00 - 12:15

**New treatments for neuro-ophthalmology in myasthenia gravis**

C. Rodolico (Messina)

12:15 - 12:45

**Eye movements in myopathic disorders**

A. Toscano (Messina)

12:45 - 13:00 Q & A

**13:00 - 14:00 Lunch**

**SESSION VIII**

**Moderators: Salemi G (Palermo) De Stefano N (Siena)**

14:00 - 14:30

## **Update on treatment in neuromyelitis optical spectrum disorders**

C. Gasperini (Roma)

14:30 - 15:00

## **Differential diagnosis ON-NMOSD-MOGAD**

C. Tortorella (Roma)

15:00 – 15:15 **Q & A**

## **SESSION IX**

**Moderators: Filippi M (Milano) Lo Coco D. (Palermo)**

15:15 - 15:45

## **Migraine and visual phenomena: management and new treatments**

F. Brighina (Palermo)

15:45 - 16:15

## **Botulinum neurotoxin treatment in migraine and blepharospasm**

M. Romano (Palermo)

16:15 – 16:30 **Q & A**

## **Sessione X**

**Moderators: Grimaldi L (Cefalù) Realmuto S. (Palermo) Pioppo A. (Palermo)**

16:30 - 16:50

## **Multiple sclerosis and microchimerism: Clinical aspects**

P. Ragonese (Palermo)

16:50 - 17:10

## **Multiple Sclerosis and microchimerism: Ophthalmological aspects**

V.M.E. Bonfiglio (Palermo)

17:10 - 17:30



## **Visual-Motor skills and eye movements in learning disorders**

M. Vadalà (Palermo)

17:30

**Closure Congress and enabling of CME online Questionnaire Scientific**

### **COURSE DIRECTORS**

A. Rufa (Siena), M. Romano (Palermo)  
A. Shaikh (Cleveland)  
A. Tarnutzer (Zurich)

### **FACULTY**

T. Avitabile (Catania)  
F. Bandini (Genova)  
P. Barboni (Bologna)  
S. Bianchi (Milano)  
V.M.E. Bonfiglio (Palermo)  
F. Brighina (Palermo)  
M. L. Cascavilla (Milano)  
S. Colnaghi (Pavia)  
M. Corbetta (Padova)  
S.Cottone (Palermo)  
N. De Stefano (Siena)  
V. Di Stefano (Palermo)  
M. Filippi (Milano)  
C. Gagliano (Catania)  
P.L Galizia (Roma)  
Gasparro A (Palermo)  
C. Gasperini (Roma)  
F. Ghasia (Cleveland)  
L. Grimaldi (Cefalù)  
A. Kawasaki (Losanne)

- C. La Morgia (Bologna)
- D. Lo Coco (Palermo)
- A. Lupica (Messina)
- A. Messina (Palermo)
- G. Mostile (Catania)
- O. Musumeci (Messina)
- A. Nicoletti (Catania)
- V. Parisi (Roma)
- F. Patti (Catania)
- T. Piccoli (Palermo)
- A. Pioppo (Palermo)
- A. Priori (Milano)
- A. Quartarone (Messina)
- P. Ragonese (Palermo)
- S. Realmuto (Palermo)
- M. Rizzo (Palermo)
- V. Rizzo (Messina)
- C. Rodolico (Messina)
- A. Sadun (Roma)
- G. Salemi (Palermo)
- S. Tamburin (Verona)
- C. Terranova (Messina)
- V. Terruso (Palermo)
- C. Tortorella (Roma)
- A. Toscano (Messina)
- M. Vadalà (Palermo)
- K. Weber (Zurich)
- M. Zappia (Catania)
- D. Zee (Baltimore)

## GENERAL INFORMATION

### REGISTRATION FEES

Registration requires the payment of a fee.

The registration fees are VAT included.

**By 15 April**

FULL: € 200,00

RESIDENT AND PHD STUDENT: € 80,00

**After 15 April**

FULL: € 250,00

RESIDENT AND PHD STUDENT: € 100,00

*The fee can be paid by credit card or Pay Pal circuit by clicking on the “PAY NOW” button available in the appropriate section of the platform. A service fee of 3.4% + € 0,35 is applied to all payments by Credit Card/Paypal.*

**Registration fee includes:**

- Participation in the Congress
- Certificate of attendance
- Acquisition of CME credits in compliance with Agenas restrictions
- Congress kit
- Congress catering as scheduled

Visit the Events page of the website [www.morecomunicazione.it](http://www.morecomunicazione.it) and follow the instructions. The organizing secretariat will provide confirmation of the registration.

**CLINICAL CASES SUBMISSION AND PRESENTATION**

**Submission:**

The clinical cases inform of a video clip and corresponding 300-word abstract summarizing the key clinical, laboratory and imaging findings and the diagnosis. Case submissions will be sent through the platform at

[www.morefad.it](http://www.morefad.it). Only registered participants will be able to submit clinical cases.

The acceptance of the works will be subject to the judgment of the organizing committee. English language is required for the abstracts submission and preferred for the clinical case submissions and presentations. The deadline for the submission of cases is May 21st, 2024.

Six cases will be selected for podium during the Resident Trainee Case Presentation session. The best case-presentation will be awarded. The remaining will have the opportunity to present their cases as an E-poster.

Selection criteria:

- 1) Unique, yet obvious clinical findings with clear teaching objective.
- 2) Clinical case that provides novel mechanisms about normal or abnormal brain function.
- 3) The submitted cases should provide adequate information to judge on criteria 1 and 2.

## CME ACCREDITATION

The event will be accredited by the Ministry of Health for the following professions: Surgeon (with specialization in: Neurophysiopathology, Neurology, Ophthalmology, Otorhinolaryngology, Pediatrics, without Specialization), Physiotherapist, Speech Therapist, Orthoptist / Ophthalmology Assistant, Audiometrist Technician and Neurophysiopathology technician.

### **Credits: in progress**

The acquisition of CME credits by participants is subject to:

1. participation in 90% of the congress hours based on the final program (through electronic frequency detection);

2. compilation of the satisfaction questionnaire on the CME platform: [www.morefad.it](http://www.morefad.it)
3. passing the learning assessment test on the CME platform: [www.morefad.it](http://www.morefad.it) (at least 75% of correct answers).

### SCIENTIFIC QUESTIONNAIRE

At the conclusion of the Congress, and for the following 3 days, the participant will be able to finalize online the assessment test for the acquisition of CME credits (in compliance with AGENAS constraints). Please note that only one attempt to pass the test will be allowed for the CME test.

### CERTIFICATE OF ATTENDANCE

At the end of the training activities described above, it will be possible to download the certificate of attendance directly from the CME platform: [www.morefad.it](http://www.morefad.it)



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