

# World Conference and Expo on Vision Science and Optometry

June 14-15, 2021  
Hotel SB BCN Events,  
Barcelona, Spain



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# Scientific Program

## World Conference and Expo on Vision Science and Optometry

Monday  
June 14, 2021

### Meeting Hall CALMA 1

Day 1 - June 14, 2021

09:00 - 09:45 Registrations

09:45 - 10:00 Introduction

#### Keynote Forum

10:00 - 10:45 **Title: A theory of visual psychology**  
**Geraint Griffiths**, The Association of Sport and School vision Practitioner (ASvP),  
United Kingdom

**KEYNOTE SPEAKER SLOTS ARE AVAILABLE**

Group Photo (10:45 - 11:00)

Networking & Refreshments (11:00 - 11:15)

11:15 - 12:00 **Title: Techniques for the rehabilitation of complete homonymous hemianopia; Palomar Prisms® and Palomar online visual rehabilitation therapy®**  
**Fernando - J. Palomar Mascaró**, Palomar Optometric Centre, Spain

#### Plenary Sessions

##### Sessions:

Clinical & Experimental Ophthalmology and Optometry | Contact lens | Pediatric Ophthalmology & Optometry | Retina | Dry Eye | Visual Psychology | Use of Spectacles | Innovations in Eye Care | Eye care and Prevention | Eye Surgery's | Eye Exercises and its effects

Session Chair: **Ana Díaz Cortes**, Sant Joan de Déu, Spain

Session Co-Chair: **María Jesús Quiroz Quiroga**, Sant Joan de Déu, Spain

12:00 - 12:30 **Title: Visual parameters that affect amblyopia**  
**Ana Díaz Cortes**, Sant Joan de Déu, Spain

**SPEAKER SLOTS ARE AVAILABLE**

12:30 - 13:00 **Title: The retinal ganglion cell layer thickness changes and its relation with glycosylated hemoglobin and diabetes duration in type 2 diabetics without retinopathy**  
**Shroug M. Aldaham**, Ministry of Education, Saudi Arabia

Lunch (13:00 - 14:00)

14:00 - 14:30 **Title: Visual evoked potentials: A tool worth keeping in your toolbox**  
**Wanda L. Parham**, Air Force School of Aerospace, USA

14:30 - 15:00 **Title: Effectiveness of balloon catheter dilation as a treatment of congenital nasolacrimal duct obstruction. Review of literature and report a tertiary pediatric center results**  
**María Jesús Quiroz Quiroga**, Sant Joan de Déu, Spain

15:00 - 15:30 **Title: Corneal wound repair after cross - linking by two procedures rose bengal - green light and riboflavin - UVA: Clinical and cellular study**  
**M. Carmen Martínez - García**, University of Valladolid, Spain

15:30 - 16:00 **Title: The Comparative rate of reading speed test (CRST)**  
**Geraint Griffiths**, The Association of Sport and Schoolvision Practitioner (ASvP),  
United Kingdom

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## *World Conference and Expo on* **Vision Science and Optometry**

**Monday**  
**June 14, 2021**

Networking & Refreshments (16:00 - 16:20)

**VIDEO PRESENTATION SLOTS ARE AVAILABLE**

16:20 - 16:50 **Title:** Visual electrophysiology in children and babies: common practice  
**Ons Lahouimel**, Tunisian Orthoptic Association, Tunisia

16:50 - 17:20 **Title:** Neurofibromatosis 1 at the pediatric age  
**Carlos Fresno Cañada**, Pediatric Optometrist, Spain

Panel Discussion - Awards & Closing Ceremony

End of Day 1

# Scientific Program

## World Conference and Expo on Vision Science and Optometry

**Tuesday**  
**June 15, 2021**

### Meeting Hall CALMA 1

Day 2 - June 15, 2021

#### Keynote Forum

10:00 - 10:45 **Title:** Amblyopia without occlusion\* new ways of treatments  
**Enric Bach Cuadra**, CEO at Vision Brain, Spain

**KEYNOTE SPEAKER SLOTS ARE AVAILABLE**

#### Networking & Refreshments (10:45 - 11:00)

11:00 - 11:45 **Title:** Retinal vasculature in development and diseases  
**Ye Sun**, Harvard Medical School, USA

#### Plenary Sessions

##### Sessions:

Retina | Retinal Surgery | Visual Neuroscience | Digital Eye Strain | Ocular Disorders | Laser treatments  
| Cornea | Ophthalmic Photography | Ophthalmology Revolution Showcase | Visualizing Techniques |  
Diagnostic Instruments in Optometry

Session Chair: **Ana Díaz Cortes**, Sant Joan de Déu, Spain

Session Co-Chair: **María Jesús Quiroz Quiroga**, Sant Joan de Déu, Spain

11:45 - 12:15 **Title:** Description of choroidal morphology in patients with acute anterior uveitis using  
EDI - SDOCT  
**Amrita Verma**, JNM Medical College, India

**SPEAKER SLOTS ARE AVAILABLE**

12:15 - 12:45 **Title:** Digital eye strain  
**Geraint Griffiths**, The Association of Sport and Schoolvision Practitioner (ASvP),  
United Kingdom

12:45 - 13:15 **Title:** Low vision rehabilitation team services, thinking outside the box  
**Carolyn Ihrig**, Western New York Healthcare System, USA

#### Lunch (13:15 - 14:00)

14:00 - 14:25 **Title:** Ocular disorders after refractive surgery  
**Ons Lahoumel**, Tunisian Orthoptic Association, Tunisia

14:25 - 14:50 **Title:** Photoreceptor modulates pathological retinal angiogenesis  
**Ye Sun**, Harvard Medical School, USA

14:50 - 15:15 **Title:** Talk on ocularis  
**Carlos Fresno Cañada**, Pediatric Optometrist, Spain

#### Poster Presentations

**POSTER PRESENTATION SLOTS ARE AVAILABLE**

POS 1 **Title:** Environmental injury on corneal structure: Cannabinoid receptor CB1 on trial as  
a new target for wound healing  
**Viviana Alicchio**, University of Bari Aldo Moro, Italy

#### Networking & Refreshments

Panel Discussion - Awards & Closing Ceremony

End of Day 2