

2024 Young researchers biophotonics winter meeting

March 13th. 15.00-17.30

15:00–15:10

WELCOME Vision Science Committee @SEDOPTICA

Mikel Aldaba | Polytechnic University of Catalonia, Spain

15:10–16:00

KEYNOTE SPEAKER

The perception of infrared light due to two-photon vision

Katarzyna Komar | ICTER & Nicolaus Copernicus University, Poland

Discussion

Moderator. Alba Paniagua | University of Murcia, Spain

16:00–16:45

BIOPHOTONICS ENGINEERING

Temporal defocus waves as a method for measuring refractive error

Victor Rodríguez López | IO-CSIC, Spain

Binocular accommodation dynamics in myopes and novel applications of extremely high-order wavefront sensing in visual optics

Vahid Pourreza Ghoushchi | Wootix, Spain

IOL optical designs and validations

Aixa Alarcón Heredia | Johnson & Johnson

Moderator. Alba Paniagua | University of Murcia, Spain

16:45–17:30

CLINICAL APPLICATIONS

Visual outcomes in patients implanted bilaterally with a new extended depth-of-focus IOL with inverted meniscus design

Consuelo Robles García | Voptica, Spain

The use of the Eye in the Diagnosis and Follow-up Treatment of Neurodegenerative Pathology

Elena Salobarra-García Martín | Universidad Complutense Madrid, Spain

Design of a stereoacuity holographic test

Jorge Lasarte Sanz | Technological University Dublin & University of Zaragoza

Moderator. Clara Mestre | Polytechnic University of Catalonia, Spain

17:30–17:35

CLOSING REMARKS

++ INFO & REGISTRATION

https://www.sedoptica.es/comites_SEDO/vision/actividades.html

REGISTRATION FORM: <https://forms.gle/2JGSL9ifkrZwZAFx9>

Meet LINK: <https://meet.google.com/efk-yauo-ukr>

ccvision@sedoptica.es



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