



University of Crete
Department of Physics

Physics Colloquium

Thursday, 14 April 2022 | 17:00 – 18:00, Online with ZOOM

Light propagation in the human eye

Dr. Harilaos Ginis

Diestia-Ophthalmic Optics and Athens Eye Hospital, Athens, Greece

ABSTRACT

Image formation on the retina is essential for vision. Wavefront aberrations, chromatic aberrations and scattering affect the retinal image quality and limit our visual function. Understanding the mechanisms of retinal image deterioration and its impact on various aspects of our vision requires specialised optical methods and instruments. Such optical methods have led to the development of better tools for ophthalmology and better treatments for patients.

ZOOM Link: <https://zoom.us/j/95497033858?pwd=Qmg5L3hDRFFSV1dLVFlnc3phc2NPdz09>