

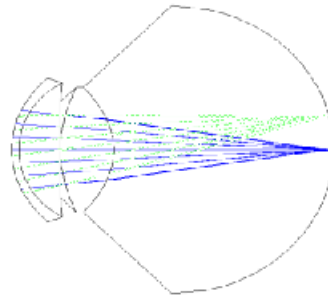


SEMINARIO DE IMÁGENES Y VISIÓN
INSTITUTO DE OPTICA (CSIC)

Tomographic measurements of the aberrations of the human eye

Joana Büchler Costa, PhD

Dep. Física. Universidade do Minho



ABSTRACT

There are different approaches to disentangle the contribution of the different refractive surfaces to the total aberrations of the eye and achieve some 3D knowledge about their distribution. I will talk about a tomographic technique, which uses measurements of the aberrations in different directions of the visual field to reconstruct the aberration layers. Simulations of the technique using published eye data and preliminary results of experiments in a model eye with 2 refractive surfaces will be shown.

Martes, 18 abril

12:30 horas

**Sala de conferencias. Instituto de Optica (CSIC) .
C/ Serrano 121, 28006 Madrid**

Información:

Susana Marcos

Instituto de Optica, CSIC

Tel: 915616800 x2306; email: susana@io.cfmac.csic.es