



FACULTAD DE  
CIENCIAS

UNIVERSIDAD AUTÓNOMA DE MADRID



## Seminario del Departamento de Física de Materiales

How to make a reality what can be a reality? The RSOM case.  
(¿Cómo hacer posible lo posible? El caso RSOM)

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Viernes **20 mayo 2022**, 12:00

Sala de seminarios Módulo 0 (01.00.IC.307), Facultad de Ciencias, UAM

Raster Scan Optoacoustic Mesoscopy (RSOM) is a novel clinical imaging technique that leverages the optoacoustic effect to break through the resolution to depth limit of diffuse light imaging in turbid media. Being light absorption the contrast mechanism at high resolution in deep tissue, the technique can obtain non-invasive images of the pathology of major diseases not accessible before.

In this talk we present the RSOM basic physics and imaging principles, the unmet clinical needs that can solve and the steps we took to bring it from the lab to the verge of clinical adoption.