

DATE

22 October 2026

Thursday

TIME

16:00

VENUE

Salão Nobre

Pav. Central, Campus Alameda, IST

Biomedical Optics & the Value of Quantum Level Imaging in Medicine

*From a Physics Idea
to a Start-Up
to Clinical Medicine*

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Optics is the largest technology sector in medicine, and quantum-level sensors that count single photons per pixel are now transforming X-ray and radiation Cherenkov imaging. Taking the imaging of radiation dose in patients undergoing radiotherapy as a case study, this lecture follows the path from technical innovation to a successful medical device, and looks at what comes next.

