

# PROJECT / Non-local Metamaterials and Applications Nonlocal

## Main Objective:

- Design of low-loss materials with anomalous dispersion.
- Demonstration of broadband negative refraction a partial focusing using nonlocal metamaterials.
- Realization of ultra-subwavelength waveguides.
- Realization of absorbing metamaterials with enhanced properties.

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Reference: PTDC/EEA-TEL/100245/2008PTDC/EEA-TEL/100245/2008, Funding: FCT/PTDC, Start Date: 01-01-2010

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