**Curricular Unit**
Advanced Physics Topics 1

**Module**
Spectroscopic techniques for the characterization of materials (STCM)

**Type**
Lecture course

**Contact hours**
18

**Professor/Researcher in charge**
Luis Carlos, U. Aveiro

**Summary of Contents**
Optical properties;
- Photoluminescence in steady state and time resolved (emission spectra and emission decay curves) modes.
- Quantification of the emission features (Absolute quantum yield, photometric and radiometric parameters, colour coordinates)

Electric properties; EPR

**Evaluation**
Written Test (3h), May 13, 2014.

**Juri**
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