**ERASMUS + TEACHING**

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**Unleashing the Magic: Neural Networks for Image Classification.**

Prof. Mónica Vieira Martins, Portalegre Polytechnic Universtity

**Overview:** Embark on this Erasmus+ journey into the captivating realm of Artificial Neural Networks (ANNs) and their application in Image Classification.

**What to Expect**:

• Neural Network Basics: Understand the core concepts.

• Image Classification: Learn how NNs can recognize and classify images.

• Real-World Applications: Explore how this technology is used in various fields.

• Hands-On: Build your own Neural Network for image classification.

**Who Should Attend**: This talk is open to anyone curious about AI and image classification. No prior experience required! Just bring your laptop or your mobile phone!

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**Lecture on The Basic Concepts of Context-aware Computing**

Prof. Valentim Realinho, Portalegre Polytechnic Universtity

**Content:**

* Ubiquitous computing and IoT
* Context and Context-aware Computing
* Typical architectures and challenges
* Context representation
* Requirements to develop context-aware applications
* Pioneer projects
* IVO Platform

**Target audience**: all interested in the subject