



## **Paula Gómez**

Adjunt Professor.

Ph.D. Electrical Engineering

### **Education**

#### **2010 Ph. D. Electrical Engineering.**

Universidad de Vigo.

E.T.S.I. de Telecomunicación, Vigo, Spain.

#### **2003 M.S. Electrical Engineering (Telecommunication Engineering)**

Dept. Teoría do Sinal e Comunicaci3ns.

E.T.S.I. de Telecomunicaci3n.

Universidade de Vigo

### **Employment**

#### **Assistant Professor August 2004 – Present**

Responsible of the subjects Transmission Media, and the Laboratory of several subjects related with Radiofrequency technologies, such as Radiocommunication, Radiobroadcast, Radiocommunication Technologies, Optical Communications, Radiodetermination. E.T.S.I. Telecomunicaci3n, University of Vigo (Vigo, Spain).

#### **Research Engineer February 2003 – September 2006**

As a Researcher Engineer at University of Vigo I have performed several projects concerning radar systems, remote sensing and antenna design for several industries.

### **Research Projects**

- New **shielding techniques** against electromagnetic pollution
- **Excess attenuation modeling** due to vegetation components presents in the line of sight of a radiolink

- **Remote sensing software** to acquire data from warships. Spanish Navy - CEMEDEM (Centro de Medidas Electromagnéticas de la Armada)
- **Radar stealth techniques** for warship design. IZAR (nowadays Navantia)
- **Ray-tracer design** to analyze indoor and outdoor coverages at different environments. European Space Agency (E.S.A.)

## **Others**

**N.A.T.O. Security Certification** from 2005 to 2010

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