



## **P16: UVIGO (Spain)**

### **Description of expertise & activities**

Departamento de Ingeniería Telemática, University of Vigo, Spain

Website: <http://www.uvigo.es>, <http://www-gti.det.uvigo.es>

The Telecommunications Engineering School at University of Vigo, Spain, was the third of its kind after Polytechnic University of Madrid and Polytechnic University of Catalonia. It currently has over 100 professors and many junior scientists. The Information Technologies Group is recognized as one of the top ranked research groups in Galicia, NW Spain (including University of Santiago de Compostela, one of the oldest universities in Spain). The group has generated three national patents, an US patent and an European patent (PCT), some fifty papers in international journals (including IEEE Transactions on Communications, IEEE Communications Letters, IEEE Transactions on Vehicular Technology and IEEE Transactions on Image Processing) and a large number of contributions to international conferences (many of them by invitation)

Among the industries that have received technology transfer from us or have collaborated with us we can cite: Telefonica Moviles SA, Telefonica I+D, Televes SA, Comunitel Global SA (now part of Tele 2), Galician Television (TVG) and R cable y comunicaciones SA (regional cable operator)

At international level, we collaborate with the Computer Sciences Department/University of Wisconsin Madison (US) in distributed computing and the Polytechnic University of New York (US) in optical switching (specifically with the group of Prof. Jonathan Chao). We are partners in the SatNEx II EU VI FP NoE.

We coordinate the Spanish Ministry of Education and Science grant “Advanced IP Packet Switching for Next Generation High-Performance Optical Networks” (CAPITAL) (TEC 2004-05622-C04-01/TCM). We are also in the Spanish “Thematic Network of Virtual Circuit Oriented IP networks” (TEC2004-21061-E (4/2005 - 3/2006), which intends to bring together more than 20 research groups in MPLS/GMPLS in Spain (<http://brakali.udg.es/red-mpls/index.php>).

### **Tasks within BONE**

See individual WP descriptions.

### **Key personnel**

**Francisco Javier González Castaño** is a professor at University of Vigo. He has been a visiting assistant professor at the Computer Sciences Department, University of Wisconsin-Madison. He has published over 50 papers in international journals and a large number of contributions in international conferences. He has participated in several national and transnational R&D projects.

**José María Pousada Carballo** is a professor at University of Vigo. He is currently the Dean of the Telecommunications engineering school. He shares many research results with F. J. González Castaño (see above).

**Cristina López Bravo** is a professor at University of Vigo. She shares most results in high performance networking with F. J. González Castaño (see above).