

Héctor POVEDA

Universidad Tecnológica de Panamá
Facultad de Ingeniería Eléctrica
☎ +507 5603049
✉ hector.poveda@utp.ac.pa
www.hpoveda7.com
www.hpoveda7.com.pa



PhD in Digital Communications and Digital Signal Processing

Education

- 2008-2011 **PhD in Control Engineering, Production Theory, Signal and Image, mention "très honorable"**, *Université Bordeaux 1 (UB1), Intégration du Matériau au Système (IMS) lab.*
- 2007- 2008 **MSc in Electronics, Electrical Engineering and Control Engineering, Research, major in Signal and Image, UB1.**
- 2001-2006 **Electronics and Telecommunications Engineer**, *Universidad Tecnológica de Panamá.*
- Complementary Education** Trainings in **Higher Education** - Universidad Tecnológica de Panamá & Columbus University, **Communication and Entrepreneurial (100h)** - *UB1* and **Electronics and Telecomm. (300h)** - *INADEH, Panama.*

Work Experience

- Jan. 2012-At present **Assistant professor**, *College of Electrical Engineering, Universidad Tecnológica de Panamá*, training groups of 30-40 students, development of digital communications projects. Degree and new instructors assessment. Degree coordinator. Coordinator of the research group in advanced digital communication systems .
- 2008-2011 **PhD. student**, *Signal and Image team, IMS lab*, Doctoral Research in **Channel and Carrier Frequency Offset Estimation Techniques for Uplink Multicarrier Wireless Systems.**
- 2009-2011 **Instructor**, *Ecole Nationale Supérieure d'Électronique, Informatique, Télécommunications, Mathématique et Mécanique de Bordeaux (ENSEIRB-MATMECA)*, training groups of 30 students, supervision of engineering projects.
- Feb./June 2008 **Master research internship**, *IMS Lab* , Algorithms Development for Frequency Synchronization in Uplink OFDMA Systems.
- Feb./Sept. 2007 **Research engineer**, *Research department, Universidad Tecnológica de Panama*, development of renewable energy systems.

General Skills and Knowledge

- Management** **Meet deadlines. Supervision of engineering projects. Handling of budget.**
- Writing** **Prepare scientific articles and reports in English, French and Spanish**, publications in national and international conferences, and journals..
- Oral Communication** **Perform presentations in English, French and Spanish**, scientific articles presented in national and international conference.
- Research & Development** **Develop of digital signal processing algorithms. Manage different test strategies. Assessment of reports. Knowledge of LTE-3GPP standard**, design of LTE uplink and downlink transmission link following the **LTE-3GPP** standard. Manage of R&D projects. Revision of scientific articles to be published. Current collaborations with IMS lab in France, Aalto University in Finland and Ericsson Finland.
- Information Technology** **Handling of programming languages (Matlab, Python, C++) and text editors (MSoffice, latex). Handling of drivetest tools.**
- Languages:** **Spanish (native), French (bilingual), English (bilingual).**

Interests

- Sports:** football, since 7 years old ("Bordeaux Étudiant Club" and "Pan de Azucar" member)
- Other Activities:** IEEE, Panama National Association for the Science Advancement, and Panama National Research Council member. Participation in the ITU Regional Telecom. Congress 2014, South School of Internet Governance 2013 (40h), Leadership for the transformation Seminar USMA-CAF 2013 (80h) and ITU Connect Americas Reunion 2013. Participation in the organization of GRETSI '11 in Bordeaux.