

## Two PhDs positions at **Universitat Autònoma de Barcelona** under **European Space Agency** Prestige Programme

The **Wireless and Satellite Communications** group with the **Telecommunications and Systems Engineering Department** at **Universitat Autònoma de Barcelona** is seeking for two qualified PhD candidates.

**Research topic:** Wireless Network Coding for Satellite Communications.

**International co-advising:** The candidates will have the opportunity of staying abroad during periods of their PhD given the strong international collaborative approach of this PhDs. Collaborations are expected with the following Universities:

- University of Oslo, with Prof. A. Hjørungnes, leader of the Signal Processing for Communications group (co-advisor).
- University of Houston, with Assistant Professor Z. Han, leader of the Wireless Communications group (co-advisor).
- Telecom ParisTech with Prof. J.C. Belfiore, leader of the Wireless Communications group (co-advisor).

**Terms of Employment:** The salary is provided by the PRESTIGE Programme of the European Space Agency, see [www.esa.int](http://www.esa.int)

**Preferred candidates:** Applicants should have a solid background in Mathematics and hence a **Degree in Mathematics** is highly welcome. Candidates with a degree in Engineering will also be considered only if a solid background in mathematics is proved.

**How to Apply:** Applications must submit official academic records for their bachelor, masters, a complete publication list and a letter with a brief justification of their interest in this PhD. Academic references (name, position, e-mail, and telephone number) should be included in the application. **Interested applicants are encouraged to submit their applications electronically to:** [angeles.vazquez@uab.es](mailto:angeles.vazquez@uab.es), Home-page: <https://wirelessatcom.uab.es>. Mobile phone: +34-670400470. Office phone: +34-935814246.

**Take up duty date:** tentative take up duty date is 15/09/2009 but can be negotiated.

**Applicants are encouraged to apply at their earliest convenience.**  
**The deadline for the application is 31st of August 2009.**