

# Ph.D. Position in Signal Processing in the Encrypted Domain

## Description

The Signal Processing in Communications Group (GPSC, [www.gts.tsc.uvigo.es/gpsc](http://www.gts.tsc.uvigo.es/gpsc)), affiliated with the Department of Signal Theory and Communications at University of Vigo, Spain, invites applications for a **Ph.D. position** in the field of **Signal Processing in the Encrypted Domain**.

The selected candidate will join GPSC to investigate fundamentals and algorithm design/evaluation for encrypted processing of data and signals.

The GPSC is a worldwide reference group in the fields of Multimedia Security and Signal Processing. This fact is supported by international publications (more than 70 journal papers and 170 conference communications, receiving more than 1600 cites), awards to the defended Ph. D. theses (3 Best Ph. D. Thesis Awards of the Spanish Official Institute of Telecommunications Engineers), research projects' income (about 9 million euros), management of intellectual property (10 European and American patents pending), spin-off creation, establishment of research centres (e.g., Galician Research Centre in Advanced Telecommunications—Gradiant—, ICT Research Center of the University of Vigo—AtlantTIC—), its multicultural environment, or some of its members being Associate Editors of IEEE Transactions. Hence, the selected candidate will enjoy unique opportunities to participate in exciting research projects with both industry and academia.

## Desirable background

- Strong mathematical background (recommended B.Sc. or M.Sc. on Mathematics, or similar), with special stress on number theory, is strictly required
- Good verbal and written skills in English are required
- Communication, computing and interpersonal skills are important
- Capacity to work both independently and within a team

## Contract conditions

Successful applicants will be offered a 1,350 € monthly gross salary, as well as health benefits. Expected start date is January 1st, 2012.

## Applications

Interested candidates may apply to [jobs-gpsc@gts.uvigo.es](mailto:jobs-gpsc@gts.uvigo.es), indicating as subject “**PhD Position SPED**”. Applications should include electronic copies of the following:

- A detailed Curriculum Vitae. (Please include your e-mail address and a recent picture)
- A cover letter addressing the specified job qualifications.

Priority consideration will be given to applications received by November 15th, 2011. Applications will be accepted until position is filled.

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