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**Plaza:** Two four-year doctoral fellowships at the LaCàN Research group (<http://www-lacan.upc.es/>), Universitat Politècnica de Catalunya (UPC, Barcelona, Spain).

These two fellowships, funded by the Spanish Ministry of Science and Education ("beca FPI"), cover full tuition, a monthly stipend and provide funds for short international research stays. The starting date is expected in the Summer-Fall 2008.

Deadline for application: The official application is expected in January 2008. Before this date, applicants are strongly encouraged to write to [contact.lacan@upc.es](mailto:contact.lacan@upc.es) for a pre-screening. Please send a detailed CV (including the names and contact information of three references) and indicate which opening you are interested in. Include the phrase "FPI PhD fellowship" in the subject.

### **Opening 1**

Opening for a PhD fellowship in the project "Critical modeling of engineering systems"

Requirements: BS/BA, MSc or equivalent degree in Engineering, Physics, or Applied/Computational Mathematics. Experience in continuum/solid/fluid mechanics, finite elements, and/or computer programming is a plus. Depending on the previous experience, the successful candidate will follow initially a Master's program or will proceed directly to a doctoral program.

Contact person: For further information about the project, please contact Prof. Antonio Huerta ([antonio.huerta@upc.edu](mailto:antonio.huerta@upc.edu)).

### **Opening 2**

Opening for a PhD fellowship in the project "Multiscale modeling and simulation for the virtual design of micro, nano and bio-inspired systems".

Requirements: BS/BA, MSc or equivalent degree in Engineering, Physics, or Applied/Computational Mathematics. Experience in continuum/solid mechanics, finite elements, molecular dynamics, and/or computer programming is a plus. Depending on the previous experience, the successful candidate will follow initially a Master's program or will proceed directly to a doctoral program.

Contact person: For further information about the project, please contact Prof. Marino Arroyo ([marino.arroyo@upc.edu](mailto:marino.arroyo@upc.edu)).