



Santiago Badia

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PhD fellowships at CIMNE/UPC, Barcelona (Spain)

The Computational Physics and Large Scale Computing department at the International Center for Numerical Methods in Engineering (CIMNE), Universitat Politècnica de Catalunya (UPC), is seeking candidates for PhD studies.

The department is focused on the development of computational methods for the numerical approximation of partial differential equations (PDEs) and is partially funded by the European Research Council (ERC) under the Starting Grant COMFUS.

We are looking for motivated candidates with a MSc in engineering, mathematics, physics or computer science. Excellent qualifications will be important, since students are also expected to apply for competitive PhD fellowships.

The position will be focused on the development, implementation and performance analysis of high performance solver codes based on domain decomposition techniques. Excellent programming skills and a reasonable knowledge of parallel programming models (OpenMP, MPI, OpenCL, CUDA, etc.) and computer architectures (multi-cores, many-cores, massively parallel machines, etc.) will be highly appreciated for this position.

The position will remain open till appropriate candidates will be found but it is recommended to apply before the end of September 2013. Send your application, providing CV, to comfus@cimne.upc.edu

Please contact sbadia@cimne.upc.edu or visit
<http://badia.rmee.upc.edu/>
<https://web.cimne.upc.edu/groups/comfus/>
for further information.