

## Ph.D. Student Position

### (FPI Scholarship)

The Basque Center for Applied Mathematics (BCAM)

**RESEARCH PROJECT:** Partial differential equations, analysis, control, numerical approach and applications. CODE: MTM2008-03541.

**PROJECT DESCRIPTION:** The Dissertation will be oriented towards addressing analytical and computational issues arising in multiphysics models with applications in aeronautics, petroleum and life sciences.

**MAIN RESEARCHER:** Enrique Zuazua – Ikerbasque. Other researchers: B. Ayuso (UAM), C. Castro (UPM), M. Escobedo (EHU/UPV), L. Ignat (I. Matematica Bucarest), M. López (UAM), S. Micu (U. de Craiova), R. Orive (UAM), F. Palacios (IMDEA), D. Pardo (BCAM), A. Pratelli (IMDEA), and X. Zhang (Academy of Sciences, Pekin).

**REQUIRED QUALIFICATIONS:** To apply for a scholarship position, you should have completed your bachelor degree in either Mathematics, Engineering, or Computer Sciences or be currently enrolled in the last year of either degree.

**STARTING DATE OF THE SCHOLARSHIP:** It will be determined with the candidate, but we expect a starting date no later than September 1<sup>st</sup>, 2009.

**SCHOLARSHIP DURATION:** 4 years.

**GROSS YEARLY SALARY:** 1200 euros/month. In addition, the worker will also receive Spanish Social Security, comprising health care and contribution towards a retirement pension.

**LOCATION:** BCAM at Bilbao, Spain. Research conducted at the Center is multi-disciplinary and offers the possibility to interact with mathematicians and scientists working in other fields.

**INTERESTED APPLICANTS** should send a CV, a letter of interest, and the names and contact information of two persons who can provide a letter of reference. Please apply via email to: [join\\_us@bcamath.org](mailto:join_us@bcamath.org). The deadline for applications is January 10<sup>th</sup>, 2009. Applications will be reviewed in the order they are received.

