The European Union is offering **18 Marie-Curie PhD-Fellowships** through the Initial Training Network **Fronts and Interfaces in Science and Technology (F.I.R.S.T.)**

**Scientific area:**
- partial differential equations for image processing
- patterns in complex reaction-diffusion systems
- interfaces, optimal control and inverse methods for technology problems

**Partner institutions:**
- Universities of Bath, Eindhoven, Erlangen, Haifa (Technion), Madrid (Complutense), Paris (Orsay), Rome (La Sapienza), Zürich
- Industrial partners Guigues Environnement SAS and Siemens AG
- Associated partners: Universities of Athens, Bratislava, Louvain (Université catholique), and Tours

**Benefits:**
- 3 year contract (ca. 34.500 €/year) + monthly mobility allowance
- substantial funding for participation in conferences and other research and training activities

**Requirements:**
- very good primary degree in mathematics (specialization: analysis or numerics of pde, optimization)
- fluency in English
- mobility (willingness to live and work in a foreign country and to spend parts of the PhD-project at a second partner institution)

Information on F.I.R.S.T. (PhD projects, application, scientists) [http://www.mat.ucm.es/~FIRST/](http://www.mat.ucm.es/~FIRST/)


**Deadline for application:** June 15\(^{th}\), 2010