



Department of Mathematics University of Pavia

Open call for a **Research Assistant** position in
**Evolutionary partial differential equations and phase transitions:
variational and entropy methods**

Deadline: March, 31, 2014

General information (for non-italian applicants):

- The position has a duration of **1 year**, starting on **May 1, 2014**. It may be extended for another year after positive evaluation.
- The research is carried out in collaboration with the ERC project "Entropy formulation of Evolutionary phase transitions", Principal Investigator: Elisabetta Rocca.
- The gross salary for the position is fixed in €19367 per year. This corresponds, approximately, to a net salary of €1360 per month.
- The main research topics pertaining to the call are the following:
 - Mathematical analysis of evolutionary PDE's;
 - Variational and entropy methods;
 - Mathematical modeling of physical phenomena.
- The applicant should have some research experience, with particular emphasis on the themes of the project. Candidates with a PhD. in Mathematics are particularly encouraged to apply.
- Detailed information on the call (in Italian), as well as the application form (in Italian or in English) are available at the web page <http://www.unipv.eu/site/home/ricerca/assegni-di-ricerca.html>. Please refer to "Bando di concorso pubblico, per titoli e colloquio, per il conferimento di n.1 assegno per lo svolgimento di attività di ricerca presso il Dipartimento di Matematica dell'Università degli Studi di Pavia. Tematica: 'Equazioni alle derivate parziali di evoluzione e transizioni di fase: metodi variazionali e di entropia' – Responsabile: Prof. Giulio Schimperna"



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How to apply:

- Fill the application form available (in English) at the web address <http://www.unipv.eu/site/home/ricerca/assegni-di-ricerca/documento12345.html>, then print and **sign** it.
- Enclose with the application the following documents:
 1. Curriculum vitae, including a description of current and past research activity (must be dated and signed);
 2. List of all scientific publications, including all authors;
 3. A CD, or other media, containing the .pdf file of all listed publications;
 4. Photocopy of a current ID card or passport;
 5. Any other document you may consider useful.
- Send the application form and all enclosed documents to the following address:

Mr. Adriano Dappiaggi
Dipartimento di Matematica “F. Casorati”
Via Ferrata, 1
I-27100 – Pavia, Italy

Note that the envelope must report a **precise reference** to the call (like “Application to the open call ‘Evolutionary partial differential equations and phase transitions: variational and entropy methods’”) and the **name and address** of the applicant.

- Please send your application as soon as possible and in any case **no later than March 31, 2014**. In case you cannot guarantee for the application form to arrive within the deadline, please **send also a copy** of the application to the **fax number +39 0382 985602**.

Evaluation:

- The evaluation committee will consist of three members and will be chaired by the responsible for the procedure, prof. Giulio Schimperna. Applicants will be first evaluated based on their CV and on the pertinence of their research activity with the research program.
- At a first stage a shortlist will be formed based on the applicants’ CV. Shortlisted candidates will be then admitted to an interview (via Skype). Then, a final ranking will be established.