

Université de Franche-Comté - Besançon

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LABORATOIRE DE MATHÉMATIQUES
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POST-DOC ANNOUNCEMENT

Applications are invited for 1 postdoctoral position in PDE and numerical analysis at the Mathematics department of the University of Franche-Comté, Besançon, France. All applications in the area of Nonlinear Partial Differential Equations and Control will be considered. However, preference will be given to candidates with some background on one or more of the following topics :

- control theory of hyperbolic systems of conservation laws (preferred),
- non-local convection and diffusion operators,
- nonlinear degenerate parabolic problems,
- boundary-value and interface problems for conservation laws,
- numerical analysis of these problems.

This position is funded by the research project *Contemporary Topics in Conservation Laws (CoToCoLa)* of the French National Agency for Research. Research record and research profile close to the interests of the *CoToCoLa* team will be the main criteria of selection. Some details on the *CoToCoLa* projet can be found at the web page :

http://lmb.univ-fcomte.fr/rubrique.php3?id_rubrique=366.

Duration : the postdoctoral position will run for up to one year starting from September 1st, 2012. Applications for shorter periods in the academic year 2012/2013 will also be considered.

Conditions : The salary is about 2000 euros per month. No teaching duty. The position is non-renewable. Some previous knowledge of French may be useful, but it is not necessary. Please feel free to contact us by e-mail if you have any questions.

For applications, we ask to provide :

- a Curriculum Vitae of two pages,
- a synthetic description of your scientific activities and results obtained (two to four pages),
- a motivation letter which may include a scientific project related to the CoToCoLa activities,
- names and contact information of two senior mathematicians who could recommend you.

The applications have to be sent by e-mail to the address *CoToCoLa@univ-fcomte.fr* before **April 15, 2012**.

The *CoToCoLa* Team :

Nathael Alibaud, Boris Andreianov (coordinator),

Matthieu Brassart, Carlotta Donadello, Ulrich Razafison.