1 postdoctoral position  
in the scientific project “Mathematical Fluid Mechanics”  
financed by the Polish National Science Centre (contract  
2018/29/B/ST1/00339)  
Principal Investigator: Piotr Bogusław Mucha  

Terms of employment: full time, temporary (12 months) agreement, starting on October 1st, 2020, salary around 7 500 PLN before taxes/per month, depending on the experience.

Description of the project:

The project concerns analysis of systems arising from the fluid mechanics in the framework of PDEs. The subject concentrates on the issue of regularity of solutions in both weak and regular regimes. An important element is the analysis of structure of solutions as well as investigations of qualitative properties.

Requirements:

- Candidates for the position should have a PhD degree in mathematics achieved not earlier than 5 years before the starting date of the position.
- Strong skills in advanced techniques of nonlinear analysis
- Knowledge of theory of linear partial differential equations
- Experience in nonstandard approaches to problems in PDEs
- Practical skills in programming in symbolic languages

During the employment period the employee should not obtain salary under an employment contract from any other entity.

Applications: In order to apply for the position candidates should send an e-mail at p.mucha@mimuw.edu.pl and submit the following documents as attached .pdf files

1. A cover letter addressed to the Dean of the Faculty of Mathematics, Informatics and Mechanics, University of Warsaw together with the personal data clause (attached);
2. A copy of the PhD diploma or, if the candidate does not yet have a PhD, a copy of the thesis or a description of the expected contents of the thesis, together with a statement concerning the expected date of obtaining the degree (a PhD degree is required at the time of signing the employment contract);
3. a scientific CV with a list of publications and links to published articles and preprints, which are available online;
4. at most three recent publications;
5. a research statement regarding past and present research
6. In addition a recommendation letter by a senior researcher is required. It should be sent directly to the same e-mail address.

**Application deadline: 20.04.2020**

Applications which do not satisfy the above requirements or are submitted after the deadline will not be considered for the position.

The applications will be evaluated by a selection committee appointed by the Dean of the Faculty of Mathematics, Informatics and Mechanics, University of Warsaw. The committee will recommend one candidate by 15.05.2020. The competition is the first stage of the recruitment process as described in the Statute of the University of Warsaw, the recommendation by the selection committee being a basis for its subsequent stages.