

Subject: Postdoc Position, ICMC-USP/Brazil  
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The Institute for Mathematical and Computer Sciences (ICMC - <http://www.icmc.usp.br>) of the University of Sao Paulo at Sao Carlos, Sao Paulo, Brazil, seeks to fill a Postdoctoral Research Associate position to work with Computational Modeling of Flows in Porous Media, starting immediately with duration of one year with a possibility of extension for two additional years upon performance review.

Requirement: PhD in Computer Science or closely related field.

Preference will be given to candidates with experience in the following topics: (i) Code development in C/C++; (ii) Software engineering and code design; (iii) High performance

computing and parallel programming; (iv) Good mathematical background and knowledge of numerical methods.

This position is funded by the Brazilian oil company Petrobras, regulated by the Brazilian Agency of Petroleum (ANP). The monthly net salary will be R\$ 6.342,00. The research associate will have the opportunity to collaborate with researchers from State University of Campinas (UNICAMP) and the University of Texas at Dallas.

Applicants should provide a letter of intention, a curriculum vitae and two letters of recommendation to Professor Fabrício Simeoni de Sousa ([f.s.sousa@usp.br](mailto:f.s.sousa@usp.br)) or Professor Felipe Pereira ([luisfelipe.pereira@utdallas.edu](mailto:luisfelipe.pereira@utdallas.edu)). Review of applicants will begin immediately and will continue until the position is filled.

Further info:

Center for Mathematical Sciences Applied to Industry  
(CeMEAI)

<http://cemeai.icmc.usp.br>

Institute for Mathematical and Computer Sciences  
(ICMC)

<http://www.icmc.usp.br>