

Postdoctoral Research Associate position Physics dept., NUDT, Changsha, Hunan

February 20th, 2015

An immediate opening is available at the Physics department of National University of Defence Technology (NUDT, 国防科技大学), Changsha, Hunan, for a full time Postdoctoral Research Associate to conduct research in the broad field of granular, porous or cellular materials. The work will be under the guidance of Prof. Rafi Blumenfeld and will involve liaison and collaboration with Imperial College London, Cambridge University, the Guangzhou National Supercomputer Centre, and Tsukuba University, Japan.

The appointment is fixed-term, available for up to two years in the first instance. However, depending on performance, it could develop into a permanent research fellowship position at the Centre for Science of Granular Matter, which is being planned currently.

NUDT is a comprehensive university, designated for Project 211 and Project 985 - the two national plans for facilitating the development of Chinese higher education. It is currently a leading institute in China's supercomputer development and Chinese space programme. It is also the developer of the currently fastest supercomputer in the world - the Tianhe-2.

The University has over 17,000 full time students and over 2000 faculty members, 300 of whom are professors. It also has 8 Distinguished Professors, of whom Prof. Blumenfeld is one.

The position is open to outstanding candidates with an exceptional first degree (or equivalent) and a PhD in Physics or Engineering. We are looking for candidates with experience in theoretical and/or numerical modelling of granular, porous or cellular materials. Preference will be given to candidates after postdoctoral period at a top university in the UK or the USA.

Prof. Rafi Blumenfeld is a distinguished professor and a 1000-talent plan award holder at NUDT, a Fellow of Gonville and Caius College in Cambridge and a staff member at Earth Science and Engineering, Imperial College London. He is also a long term visiting scientist at the Cavendish Laboratory, Cambridge University. For more information about him, please see <http://rafi.blumenfeld.co.uk>.

To apply, please send a full CV, list of publications and two references to Prof. Rafi Blumenfeld at either of the following emails:

r.blumenfeld@imperial.ac.uk or rbb11@cam.ac.uk.

The position will remain open until filled.