Postdoc Position, Heterogeneous Materials, CTU, Prague

The Czech Technical University in Prague - University Center for Energy Efficient Buildings (UCEEB) offers a post-doctoral position in homogenization of heterogeneous materials at CTU in Prague.  
  
Start date: as soon as possible after 13 December 2013, until all positions are filled Contract duration: until 30 June 2015 (with a critical evaluation after the first year)  
  
The focus of this topic is on the development of inexpensive analytical models to quantify e.g. thermal and acoustic properties of highly porous building materials utilized in energy-efficient buildings by exploring the available tools of computational homogenization or continuum micromechanics, according to research interests of the candidate. These models will serve as a support to developments of the research group "High performance building materials and structures" at the UCEEB center.  
  
Specific requirements: Depending on the scientific background of the candidate, experience in numerical homogenization and in scientific computing, or in homogenization theories.  
  
Interested candidates are invited to send their applications no later than 1 December 2013.  
  
Additional details are available at  
<http://mech.fsv.cvut.cz/wiki/index.php/Department_of_Mechanics:_Vacancies:_UCEEB_Postdocs>