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Multiple post-doctoral positions in Prague

Posted on [May 7, 2013](#) by [IvoHerle](#)

The Czech Technical University in Prague – University Center for Energy Efficient Buildings offers eight post-doctoral positions in the field of modeling, simulation, assessment and optimization of multi-functional materials and structures.

Start date: as soon as possible after 21 June 2013, until all positions are filled
Contract duration: until 30 June 2015 (with a critical evaluation after the first year)
The present project integrates eight different topics, each of which will be supervised by a supervisor/mentor from the Faculty of Civil Engineering of the Czech Technical University in Prague.
The particular topics include

1. Drying and desalination of historical buildings using hydrophilic mineral wool
Mentor: Robert Černý (e-mail: cernyr@fsv.cvut.cz)
2. Low-energy building materials
Mentor: Robert Černý (e-mail: cernyr@fsv.cvut.cz)
3. Modeling of coupled cracking, creep and hygrothermal effects in construction
Mentor: Milan Jirásek (e-mail: Milan.Jirasek@fsv.cvut.cz)
4. Ultra high performance fiber-reinforced concrete in different loading conditions
Mentor: Petr Konvalinka (e-mail: petr.konvalinka@fsv.cvut.cz)
5. Wood-based materials
Mentor: Petr Kuklík (e-mail: kuklik@fsv.cvut.cz)
6. Numerical and experimental analysis of concrete performance in irradiated environment
Mentor: Petr Štemberk (e-mail: stemberk@fsv.cvut.cz)
7. Micromechanical modeling of thermal and acoustic insulation materials
Mentor: Jan Zeman (e-mail: zemanj@cml.fsv.cvut.cz)
8. Development of FFT-based solvers for homogenization of periodic media

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zeman4

Mentor: Jan Zeman (e-mail: zemanj@cml.fsv.cvut.cz)

Interested candidates are invited to send their applications directly to the relevant mentor, using the e-mail address provided above, no later than 31 May 2013.

Additional details are available at

http://mech.fsv.cvut.cz/wiki/index.php/Department_of_Mechanics:_Vacancies:_UCEEB_Postdocs

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