**Department of Civil Engineering – University of Coimbra**

**Open position for Postdoctoral Fellowship**

The University of Coimbra is opening a position for a Postdoctoral fellowship under the project PTDC/ECM/114505/2009-"Ground Vibrations and Noise Induced by High-Speed Trains: Prediction and Mitigation”.

Number of positions:1

The successful candidate will be part of a research team collaborating on these tasks: literature review; development and adaptation of equations required to implement the boundary element method (BEM) and the traction boundary element method (TBEM) to study wave propagation in elastic and acoustic media; validation and verification of numerical models.

Monthly gross salary: € 1,495.00.

Duration: 6 months

Who should apply:

The successful candidate will have a PhD in Civil Engineering, Environmental Engineering, Mechanical Engineering or a related subject. Preference will be given to candidates whose profile enables them to carry out research and technological development activities. Integration into research teams is envisaged, together with the possibility of conducting advanced studies in the research area.

Applications must be submitted by 12 December 2012.

All applications must include:

- a detailed curriculum vitae

- copy of the certificate of qualification

- statement under oath, signed by the candidate, accepting the terms set forth in Article 5 of Portuguese Law 40/2004 of 18 August with respect to the requirement of exclusivity of service.

Applications should be sent via email or by post to:

Departamento de Engenharia Civil

Faculdade de Ciências e Tecnologia, Universidade de Coimbra

Rua Luís Reis Santos. Pólo II da Universidade.

3030-788 Coimbra . Portugal

email: rfaria@itecons.uc.pt.