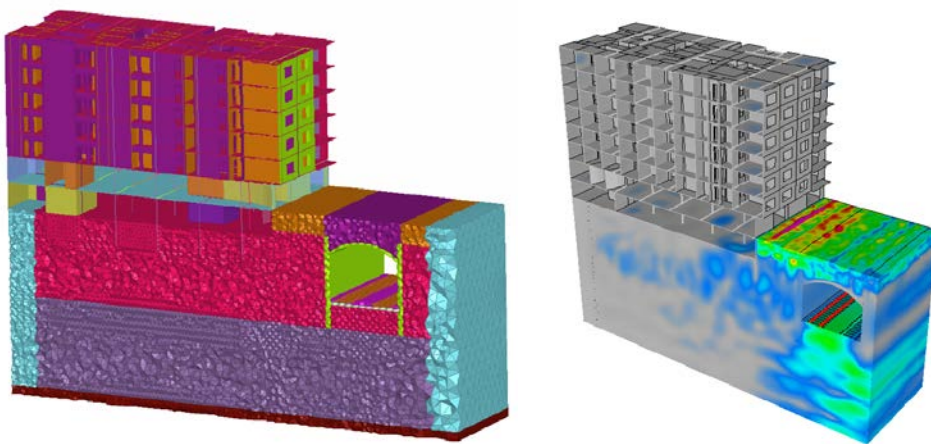


PhD Position

Railway induced vibrations prediction

The Acoustical and Mechanical Engineering Laboratory (LEAM) from the Mechanical Engineering Department of the Universitat Politècnica de Catalunya (UPC) **is seeking for a PhD student** to join its research team. The PhD project proposed is related to the **numerical modelization (3D or 2.5D FEM and BEM) of the railway induced vibrations problems** to make detailed predictions for real infrastructures. LEAM is now starting a **research project** in this field, in which the student will be enrolled.



3D FEM models of the railway induced vibrations problem.

The ideal candidate should have a **degree** (master ideally) **on civil, mechanical or industrial engineering** (other options could also be considered) and must be interested in soil and structural dynamics.

Contact: Dr. Eng. Robert Arcos (robert.arcos@upc.edu). If you are interested, please send a brief description of your CV and specify your motivations about the position.

More information of LEAM on: <http://leam.upc.es>