Postdoc Position, Marie Curie Fellow

A Marie Curie funded post-doctoral research role is available on the Industry-Academia Partnerships and Pathways project Mid-to-high frequency modelling of vehicle noise and vibration (MHiVec). MHiVec is a collaborative project between Nottingham Trent University, the University of Nottingham, the Institute of Sound and Vibration Research at the University of Southampton, InuTech GmbH, CDH AG, and Jaguar Land Rover. Candidates will be based at Nottingham Trent University and expected to collaborate with both the academic and industrial partners on the project. The salary will be $55,233 per annum, plus a market rate supplement between $5,254 to $16,885.  
  
The researcher will work on the development of new integral equation methods for modelling vehicle body vibrations at high frequencies, including the modelling of uncertain structures.  Candidates will be expected to have a PhD in a relevant discipline (mechanical engineering, mathematics or physics), along with numerical programming skills in at least one of MATLAB or C++, a good command of English and an enthusiasm for working in an international and inter-disciplinary research environment.  Experience in the theory and implementation of boundary integral methods is highly favourable. The position is on a fixed-term contract for 20 months and would be ideally suited to a highly promising early career researcher.  
  
Applications should be made online via [https://vacancies.ntu.ac.uk](https://vacancies.ntu.ac.uk/)before the deadline of 5pm on 1st December 2013.