

PhD studentship in vehicle NVH (Noise, Vibration and Harshness)

Applications are invited for a three year PhD studentship in the area of vehicle NVH. The post is a funded PhD as part of a collaboration between Bentley Motors Ltd. and the University of Salford (subject to agreement).

Bentley Motors has an aspiration of developing advanced technologies for the future products where vehicle refinement will play a key role. The overall aim of the studentship will be to contribute to the development of novel active noise control systems in vehicles. The detailed work programme will depend to some extent on the specialities and interests of the candidate and will be developed following appointment.

The successful candidate will spend approximately 80% of their time at Bentley Motors and will be supervised from within the Acoustics Research Centre at the University of Salford by Prof. Andy Moorhouse as part of a team of PhDs working on related problems. You will be part of a lively community of more than 20 PhD students working on acoustics projects and will enjoy excellent laboratory facilities at the University of Salford.

The successful candidate will be expected to demonstrate strong aptitude in some or all of the following areas:

- good theoretical and academic background in Acoustics and signal processing
- knowledge of vehicle noise and vibration
- practical skills in instrumentation, data acquisition and analysis
- knowledge of electrical and electronic systems in a vehicle/audio system context
- programming skills for coding the algorithm

A stipend of £11,370 will be provided for three years and university fees at the EU rate will be paid in full by the company. Applications are invited now for the studentship commencing early January 2012. Please send a CV and supporting statement to a.t.moorhouse@salford.ac.uk. Closing date 10th November 2011. Shortlisted candidates will be invited for interview during late November 2011.

Candidates should be EU nationals.

For further details and informal enquiries please contact:
Professor Andy Moorhouse (a.t.moorhouse@salford.ac.uk)
