

**a fully funded PhD project on brake squeal**

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**Da :** Huajiang Ouyang <H.Ouyang@liverpool.ac.uk>

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**Oggetto :** a fully funded PhD project on brake squeal**A :** giuseppe carbone <giuseppe.carbone@poliba.it>, mciava@poliba.it, walter dambrogio <walter.dambrogio@univaq.it>, p forte <p.forte@ing.unipi.it>

Dear Colleagues,

Sorry to bother you with this email. You receive it because I know you have done excellent research on friction-induced vibration or tribology which is essential to research on brake squeal. My friend Francesco Massi also recommended you among Italian researchers.

I have got funding from Jaguar Land Rover for a PhD project on disc brake squeal and I am recruiting a PhD Student who has to be an EU national. PhD tuition and good subsistence will be provided. There is also money for conference attendance and other research-related expenditure.

The aim of the project is to develop a procedure for determining the mechanical properties of the materials of friction pads of disc brakes in the context of brake squeal. I need a Master graduate with the following expertise: modal testing theory and practice (essential), and experience with ABAQUS (essential) and Hypermesh (desirable). The PhD student will receive training in JLR for a couple of months during the PhD period. JLR would like to recruit this person after graduation with PhD if he/she does a good job during the PhD work. So this PhD project presents an excellent career opportunity.

Can you please publicise this project among your Master level students? The project should start in this autumn. They are welcome to contact me by email for more details in interested. Thank you very much.

Best wishes,

Huajiang Ouyang, PhD, FInstP  
Professor of Structural Dynamics and Control  
School Director of Postgraduate Research  
School of Engineering  
University of Liverpool  
The Quadrangle  
Brownlow Hill  
Liverpool L69 3GH  
Tel: 0151 794 4815

[http://www.researchgate.net/profile/Huajiang\\_Ouyang/](http://www.researchgate.net/profile/Huajiang_Ouyang/)

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