



Position Title : Post-Doctoral Student

Position category : category A

Department : LHEEA - TSM

About Ecole Centrale de Nantes:

Centrale Nantes is devoted to excellence in teaching, learning, and research, and to developing leaders in engineers, consultants, and project managers .

A member of the Ecoles Centrales Group (Lille, Lyon, Marseille, Nantes and Paris), Centrale Nantes delivers a teaching programme of the highest quality to rigorously selected students

The position will be attached to the Internal Combustion Engine Research team (TSM), part of the LHEEA laboratory.

About the role :

Scientific frame

In the frame of the european project Dieper and the research and teaching chair associating Renault, Siemens and Ecole Centrale de Nantes, the TSM team aims at modeling combustion and pollutant emissions of a Diesel engine.

Assignements

As a member of the resaerch team dedicated to the chair, you will be entrust with following tasks :

- Le suivi du projet Dieper project management for the team
- Tests specification
- Tests analysis
- Modelling of studied phenomena wih different complexity levels :
 - o High frequency model (crankshaft degree)
 - o Mean value model (engine revolution)
 - o Tab model

Profile

- PhD in thermodynamics / internal combustion engine
- System modelling skills (Amesim, GT Power, ...)

Position features

Temporary contract 3 years (1 year + 2 years)

Full time position

Position available from september 2016

How to apply :

Ecole Centrale de Nantes - Direction des Ressources Humaines
1 Rue de la Noë
44321 NANTES Cedex 3
00 33 2.40.37.16.21

Informations about ECN : <http://www.ec-nantes.fr/>

Informations about TSM : <http://lhea.ec-nantes.fr/doku.php/tsm/start>

Contact pour le recrutement :

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Contact pour le poste :

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