

23 juillet 2014

## **PhD POSITION – OFFER INNOVATIVE BAKING TECHNOLOGY**

### **PhD Project :**

This PhD deals with an innovative baking process. It is co funded by an ongoing European research project “LEO” (Low Energy Oven) with a scientific coordination by ONIRIS. The PhD project requires a candidate motivated by electrotechnologies and CFD modelling. Multiphysics models encompassing coupled heat and mass transfer will be developed with COMSOL or MATHLAB. Contacts with industry during the project are fore seen.

### **Candidate’s profile :**

The candidate should have a MSc specialized in heat transfer or in food science – food process with good motivation in CFD modelling.

### **Funding :**

Regular work contract for 36 months starting on 1<sup>st</sup> Oct. 2014. The salary will be 1408 Euros / month; this includes full health insurance. 7% governmental taxes have to be withdrawn. The tuition fee is 400 euros per year. The PhD will be located in NANTES – FRANCE at ONIRIS in an international laboratory. English speaking candidates will have possibilities to learn French during the project. Adress: ONIRIS, rue de la géraudière, 44300 NANTES. France

### **Host laboratory :**

The PhD will take place in the Joint Research Unit “UMR GEPEA” (Génie des Procédés, Environnement, Agroalimentaire), affiliated to CNRS (National Scientific Council for Research - n° 6144).

### **Contacts :**

Please send CV + 2 contacts as references (MSc supervisor plus one other reference) to :

[alain.lebail@oniris-nantes.fr](mailto:alain.lebail@oniris-nantes.fr)

ONIRIS

Prof. Alain Le-BAIL

Rue de la géraudière

44300 NANTES – France