



Goodyear is one of the world's largest tire companies. A Fortune 500 company, we employ approximately 69,000 people and manufacture our products in 52 facilities in 22 countries around the world. We have built our foundation on a commitment to forward-thinking innovation, and our industry-leading new product engine helps us bring new products to market that feature the latest advances in materials and technologies. At Goodyear, we embrace the diversity of our workforce and value the contribution of our associates. We strive to provide associates with a safe work environment, the resources they need to do their jobs and ample opportunities for growth. These objectives, coupled with competitive compensation and benefits, allow us to foster an environment where associates can work to achieve their full potential and contribute to the company's success.

***Do you want to be a part of a team based in Luxembourg working in a fast paced, world class organization, driven by leading edge technology?***

***... if the answer is yes, then we have just the job for you...***



**PhD-level candidate for 3 years doctoral position (m/f)**

#### **The Opportunity**

The objective of the PhD is to develop a predictive tool able to simulate the cord behavior before its inclusion into the tire.

#### **To join our team you will need:**

##### Education:

The candidate (M/F) must have successfully completed a 5 years engineering degree (MSc), ideally in Mechanical Engineering.

##### Languages:

Fluency in English (spoken and written) is a must.  
Fluency in German/French is an asset.

##### Experience:

Experience as a secretary or a management assistant is an asset.

##### IT, Soft Skills & others:

Thorough knowledge of structural mechanics.  
Good analytical thinking & problem solving capabilities.  
Good programming skills of at least one modern computer language (C++, C).  
Proven, hands-on experience with FEA codes (Abaqus, Ansys,...).  
Ability to independently plan her/his work and timely execute it.  
Ability to work in a team, as well as independently.  
Excellent communication and interpersonal skills.  
Proactive self-starter and result-oriented.

##### Academia hosting:

The candidate will be hosted by the University of Lorraine, at the Laboratoire d'Energétique et de Mécanique Théorique et Appliquée (UMR 7563), Nancy, France, under the supervision of Professor Jean-François GANGHOFFER.

##### Funding and appointment:

The final appointment of the selected candidate is conditioned by successful external PhD funding from the Fond National de Recherche (FNR) in Luxembourg. The demand for funding must be completed by the candidate (with help of Goodyear and candidates host academia) and submitted to FNR before September 24<sup>th</sup>, 2013. The candidate is supposed to start her/his activities at LEMTA (Nancy, France) and at GICL (Colmar-Berg, GDL) in January 2014.

#### **Are you looking for an opportunity to join a company that has a long history and an exciting future?**

A place where you can grow within an international organization? A role where you will contribute to increasing the innovation, safety and sustainability of the tires that drivers across EMEA rely on every day? This opportunity might be just what you are looking for!

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To find out more or to apply, please visit our career portal and post your CV.

[goodyear-dunlop.com/career](http://goodyear-dunlop.com/career)



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PERFORMANCE DRIVEN CAREERS