

WBDuraPaint – Development of water-based, biobased and sustainable paints

Postdoctoral position available starting in September 2019

Context and project

In the framework of an Interreg Project between Belgium and France, the UMET-ISP team is currently seeking for a candidate for a two-year postdoctoral position starting from 1st September 2019.

The aim of the WBDurapaint project is to develop new paint systems, with high performance (corrosion resistance, UV and fire resistance) and low environmental impact: without toxic compounds (without isocyanates) and very low VOC emissions. These paints will feature the properties and adequate performances for protection of metal, wood, floors for applications interior and exterior in the field of building and transport and industrial sectors of the INTERREG zone.

The recruited postdoc will investigate new cyclocarbonate-based or epoxy-based polymers as a matrix for the formulation of biobased paints. This project will be in close relation with the MateriaNova company.

The ideal candidate is a highly motivated researcher, has a strong background in organic and polymers synthesis and preferentially in epoxy and cyclocarbonate as well. Very good common laboratory skills are expected (purification, characterization...).

To apply

Please send your cover letter and your resume, along with the contact information of referees to Jonathan Potier (jonathan.potier@univ-lille.fr)

<http://www.wbdurapaint.eu/>

<http://umet.univ-lille1.fr/>