

Engineering research traineeship at the National Institute for Mechanics and Microtechnologies (ENSMM) in Besançon, France

As part of its internationalization strategy, ENSMM is offering a paid 5-month internship opportunity to students from partner universities.

We are looking for a highly motivated intern for the Applied Mechanics Department of the FEMTO-ST laboratory

Website: <http://www.femto-st.fr/fr/Departements-de-recherche/MECANIQUE-APPLIQUEE/Presentation/Presentation.php>

Keywords: tribology – touch and tactile perception – measurement

Subject :

The internship will take place within the Tribology Group of the Department of Applied Mechanics of Femto-ST Institute in Besançon, France. Our research team leads projects and studies in the field of tribology (science of friction, wear and lubrication) through experimental approaches which use specific apparatus allowing controlled friction solicitations and measurements of forces, displacements, wear...etc. One of the projects led by our team deals with the study of touch and tactile perception for the development of tactile displays. The internship student works will focus on this exciting project. He/She will conduct experiments in order to find relationships between surfaces parameters (textures, roughness...), friction forces and mechanical vibration induced by the interaction of human finger against surfaces, and the tactile perception of these surfaces when touching them. Applicants are invited to send their CV and a covering letter to: pierre-henri.cornuault@ens2m.fr

Contact : pierre-henri.cornuault@ens2m.fr

Expected starting date : 01/09/2018

Expected duration : 5 months (no more than 31/12/2018)

Conditions for application:

- Currently registered as an undergraduate or graduate student at an ENSMM partner institution. Please note that doctoral students are not eligible.
- Final year of Bachelor degree or currently studying for a Master's degree
- English language requirement: B1 CECR minimum
- Completed application form (attached) together with supporting documents
- Visa formalities, visa and travel costs are the applicant's responsibility.

Please send the completed application form and requested documents with the object line 'ENSMM SRI Intern' to: pierre-henri.cornuault@ens2m.fr AND relations.internationales@ens2m.fr

DEADLINE FOR APPLICATIONS: 31 MAY 2018

Benefits:

- The successful applicant will receive a financial support of 3.70€ per hour, and will be expected to work a 7-hour day, 5 days a week. The monthly financial support will roughly amount to 550 € .
- The internship is eligible to an Erasmus+ Traineeship mobility grant from a sending institution situated in an E+ member or partner country.
- Credits: 30 ECTS upon successful completion of the internship
- Private en suite accommodation in a nearby hall of residence can be provided. The monthly rent is around 250 € and includes WI-FI and a fridge in the room.

More Information:

- About ENSMM: www.ens2m.fr
- About FEMTO-ST: www.femto-st.fr
- About Besançon: www.besancon.fr/
- About the Hall of Residence: www.crous-besancon.fr/