



ERASMUS+ TRAINEESHIP / PLACEMENT OFFER

Project title: The shape of water

Project description:

When a liquid bridge - a portion of liquid connecting two solid substrates - gets very thin, its two bounding surfaces will interact with each other. Our aim is to investigate, by analytical theory and numerical calculation, the effect of this direct interaction, as inferred from experimental data, on the structure and stability of a two-dimensional liquid bridge spanning the gap between planar substrates of tuneable wettabilities.

Department: Physics

R&D Unit: CFTC - Centro de Física Teórica e Computacional

Field of study: Soft Matter

Supervisor: Paulo Teixeira Personal webpage: http://webpages.fc.ul.pt/~piteixeira

Number of weeks offered: 12 (or more) Within the months: from January to December

Number of working hours per week: 35

Publication date: 30 / 01 / 2020 Closing date: 31 / 07 / 2020

Requirements

General:

- A very good academic record;
- Good writing and presentation skills;
- Good social and organisational skills;
- Very good proficiency in spoken and written English; knowledge of Portuguese language is an asset.

Specific:

- Level of education: Bachelor's or Master's degree in Physics, Mathematics, Engineering or related areas.;
- Good programming skills.;
- _____.

Applications

Applications should include the following information:

- a cover letter, including a description of your research interests and an explanation for why you are applying for this project;
- a curriculum vitae (CV);
- an official transcript of grades issued by your home institution;

and be submitted no later than 31 / 07 / 2020 via email to internacional@ciencias.ulisboa.pt.

Contacts

For inquiries regarding this project you are welcome to contact: piteixeira @ciencias.ulisboa.pt.

For inquiries regarding the application procedure you are welcome to contact: internacional@ciencias.ulisboa.pt.