

Senior Researcher for Computational Modelling of Surfactants

Barcelona/Alicante, Spain (full-time)

Bytelab Solutions is a recently established startup company. It offers consultancy and services related to Molecular Simulations and Materials Informatics in the field of Chemistry.

We are looking for a Senior Researcher with experience in the computational modelling of **surfactants**.

Requirements

- Experience in computational modelling and data science in the field of physical chemistry, surfactants, and gas hydrates.
- Experience in Molecular Dynamics and Machine Learning. Knowledge of Coarse Graining, Density Functional Theory, and Thermodynamic Modelling is a plus.
- Experience with the Gromacs simulation platform and knowledge of the common force fields. Experience with other Molecular Simulation codes is a plus. Additional knowledge of the most common tools for Machine Learning (e.g. TensorFlow, Scikit-learn) and Python is desired.
- MSc or PhD (preferred) in Chemistry, Physics or a related field.
- Ability to quickly learn about new topics; flexibility to change the work subject according to the current needs; good team player.
- Experience in working with industry, including the need of respecting tight deadlines.
- High level of English, both written and oral.

Conditions

- We offer a permanent contract.
- Competitive salary, taking into account the qualifications of the candidate.
- We are a small but very motivated team. You will be working in a fast growing company with great potential to advance personally and professionally.

The selected candidate is expected to join in November 2019.

Contact

To apply for the position, please send your CV and a motivation letter to info@atomsim.com.