

Internship opportunity 2018

Microbiology R&D Engineer

6 months

Reference: 2018-Micr

*fluidion*TM designs and manufactures innovative autonomous sampling and measurement devices for environmental monitoring applications. A young and growing company, *fluidion*TM has been well recognized and awarded several times: one of 100 French innovative cleantech company in 2015, laureate of SUEZ grant “Agir pour la Ressource” and winner of POLLUTEC Innovation showcase in 2016. *fluidion*TM is becoming a game changer in the water monitoring market in France, Europe and USA with main clients being regional and national authorities, research centers and water utilities.

*fluidion*TM is looking for new young talent and offers an internship position in Microbiology, for the development of microbiological measurement for water quality. Using existing and newly-developed technology, the intern will have to test new methods for microbiology detection as well as transpose laboratory methods on an autonomous system. We are looking for motivated **Master degree students (M1 or M2) that have Microbiology and/or Environmental science backgrounds**, looking for spending 6 months in a dynamic and international team with the potential of a permanent position offer at the end of the internship.

Main tasks:

- Development of protocols using rapid detection and analysis kits which utilize colorimetric and fluorescent indicators for the quantification of bacteria in lakes, rivers and drinking water.
- Development of new protocols for rapid detection. Establish calibrations using a bench-top laboratory equipment and in-house systems as reference.

Required qualifications:

- Good knowledge general microbiology, laboratory procedures and of spectrophotometric measurements.
- Good working knowledge of general laboratory equipment, procedures and safety.
- Laboratory experience would be an asset.
- Data plotting and manipulation in Excel and/or Python.
- Reporting skills.
- Good organization and communication skills.
- Proficient in English (international environment).

TO APPLY: Email CV, grades and motivation letter to employment@fluidion.com and mention the corresponding reference.