Project Manager in Chemometrics – R&D in modeling F/M

Company: SP3H

Situated in the South of France, SP3H is an eco-innovative company specialized in the field of micro-sensing solutions. We developed a miniaturized optical (near infrared) Fluid Quality sensor (Fluidbox), smart and robust enough for on-line & real time fluid quality monitoring.

As part of our development on various markets (automotive, energy production, oil & gas…), we are reinforcing our team which already combines experts in Refining, Automotive, Optoelectronics, Spectroscopy and Statistics.

In the context of an industrial and highly competitive environment, expectations are high to meet the challenge and become a reference in the development of solutions for measuring the quality of fuels at controlled costs.

Requirements:
- You hold an engineering degree or a Master's degree in chemometrics, and you benefit from an experience in statistical modeling, analytical chemistry, and spectroscopy.
- You control the statistical and computing tools (knowledge required MATLAB).
- Project management skills are required for the technical parts of the position.
- Knowledge in petroleum products would be a force.

Location: Aix-en-Provence

Contract: Permanent

Salary range: 30-40 k€

Job description:
- Develop modeling modules and mathematical algorithms associated with statistical processing of the spectrum (UV, infra-red and near-infrared) of fuels. Define and update the experimental protocols associated with the models and algorithms development of NIR signal processing, including inter-system calibration functions.
- Create / organize / operate the product databanks to develop the models & algorithms for the NIR signal processing.
- Transfer function.
- Customer project management and follow-up.
- Perform scientific and technologic survey regarding chemometrics and its applications on NIR, UV, and spectroscopy.
- Set up and organize the quality approach of the mission.
- Collect (measurement) NIR spectra on various samples of petroleum products, using several types of spectrometers.

Language: English : written, read and spoken – French would be a force

Contact:
jean-francois.mascaro@sp3h.fr
xavier.capron@sp3h.fr