

Research Engineer in aerosol and gas metrology

REF: MB/MGA/DMSI

Permanent position (CDI)

Location: Paris 15ème (FRANCE)

LNE:

Leader in the world of measurement and reference, with a strong reputation in France and at the international level, LNE supports industrial innovation and is an important player for a more competitive economy and a safer society. At the crossroads of science and industry since its creation in 1901, LNE offers its expertise to all economic players involved in product quality and safety. As the driving force behind French metrology, our research is at the heart of our public service mission, and is a fundamental factor in supporting the competitiveness of companies. We give answer to the industry and academia needs for ever more accurate measurements, carried out under increasingly extreme conditions and on innovative subjects such as autonomous vehicles, nanotechnologies or additive manufacturing.

Missions:

Gas and aerosol metrology is an important topic of the "Chemistry and Biology" division, in particular through the work carried out by the Central Laboratory for Air Quality Monitoring (LCSQA), research projects and services to industry and laboratories. LNE has developed solid expertise in aerosols and gas characterization to the highest level. The laboratories are equipped with the technical resources needed to produce and measure gas and aerosols fractions. In this capacity, your tasks will consist of:

- **Contribute to the development** of the department in the field of physicochemical characterization of gases and aerosols;
- **Develop services** for industry and laboratories;
- **Lead and coordinate research projects** in these fields at national, european and international levels;
- To **promote the work of the laboratory** in the form of written and oral communications.

Profile:

You have a PhD in Physics and/or an Engineering degree with a specialty in Chemistry or Physics or Physical Chemistry. You have professional or academic experience in gases and aerosols metrology.

In addition to your technical skills and knowledge, you are also recognized for your organizational skills, versatility, teamworking, autonomy, curiosity and interest in technology.

Please send your application (CV and cover letter) to the following address with the reference of the offer (MB/MGA/DMSI) in the subject line:

recrut@lne.fr / tatiana.mace@lne.fr / francois.gaie-levrel@lne.fr