



Research Engineer in Physics of Industrial Processes F/H **SGR018/19**

Saint-Gobain conçoit, produit et distribue des matériaux et des solutions pensés pour le bien-être de chacun et l'avenir de tous. Ces matériaux se trouvent partout dans notre habitat et notre vie quotidienne: bâtiments, transports, infrastructures, ainsi que dans de nombreuses applications industrielles. Ils apportent confort, performance et sécurité tout en répondant aux défis de la construction durable, de la gestion efficace des ressources et du changement climatique.

41,8 milliards d'euros de chiffre d'affaires en 2018

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Saint-Gobain Recherche est l'un des huit grands centres de recherche de Saint-Gobain. Basé en région parisienne, ses grands domaines de recherche sont liés au verre, aux couches et revêtements de surface, aux matériaux de construction et à l'habitat en général. Préparer le futur en imaginant les produits et procédés de demain autour de l'habitat, l'énergie et l'environnement, tel est le quotidien de ses équipes de recherche.

Pour en savoir plus : www.saint-gobain-recherche.fr

JOB DESCRIPTION

The post-holder will drive innovation by improving the performances of complex manufacturing processes. To this end, you are expected to

- Perform an in-depth process analysis in collaboration with local technical staff
- Propose and implement an experimental, analytical and/or numerical methodology suitable to identify the best solutions
- Establish and supervise scientific collaborations with both national and international academic and/or industrial partners (PhD theses, postdocs)
- Work effectively and cooperatively in a multidisciplinary and international environment
- Support and/or coordinate R&D plant (or pilot) scale trials
- Report on your R&D activities on a regular basis.

EXPECTED SKILLS AND DEGREES

- You have a PhD with a broad background in a relevant field of engineering, physics and/or applied mathematics (such as fluid mechanics, heat and mass transfer, thermodynamics, continuum mechanics, biomechanics, modelling of complex rheology, combustion, stability analysis, optimisation).
- Your approach to research is hands-on, innovative and strongly result-oriented.
- Your commitment to research excellence is supported by a promising track record of early scientific achievements, as appropriate to his/her career stage.
- Excellent oral and written communication skills (in both English and French) and the ability to communicate effectively with technical and non-technical audiences also represent a key requirement for this position, as well as the aptitude to work effectively and cooperatively in a multicultural environment.

CONTRACT

Long term position

Immediately available

Location: Aubervilliers

Salary depending on background and experience

CONTACT

Reference Open Job: <https://joinus.saint-gobain.com/joblink/569966>

To apply: 569966