



Research Engineer in Physics of Industrial Processes

Research and Innovation are at the heart of Saint-Gobain's strategy (<https://www.saint-gobain.com/en/innovation>).

Saint-Gobain Research Paris, a multidisciplinary and international R&D centre at the leading edge of innovation, is an equal opportunity employer, committed to achieving diversity (more than 20 different nationalities are currently represented among the employees) and gender balance (about 40% of the employees are women).

Job description

The post-holder will drive innovation by improving the performance of complex manufacturing processes. To this end, he/she is 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 possible 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 his/her R&D activities on a regular basis.

Qualifications

The successful candidate has 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). His/Her approach to research is hands-on, innovative and strongly result-oriented. His/Her 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 post, as well as the aptitude to work effectively and cooperatively in a multicultural environment.

To apply on-line:

<https://joinus.saint-gobain.com/en/fra/red/p/65511/580604/research-engineer-physics-industrial-processes-hf>



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