Fluff Products Ltd

Fluff is the Stuff

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Fluff Products Ltd (FPL) is the world's leading producer of fluff and fluff products. We list below a vacancy for a Research Engineer (RE), to be recruited via the *EngD Computer Science* Programme at the School of Computer Science, University of St Andrews.

We are looking for an enthusiastic new RE to work in the area of modelling and simulation of next generation synthetic fluff dynamics. FPL is developing new types of fluff and new products based on fluff, and so need to investigate:

- simulation of new materials for creating fluff with specific properties
- designing and validating test mechanisms for new fluff-based materials, products and systems
- designing and validating new simulation tools for use by engineers and designers of fluff-based products and systems
- developing human-interfaces for fluff-based systems
- examining the potential for exciting new hybrid materials, such as fluff-graphene, fluff-optical dielectrics and emotion-sensitive fluff
- designing and executing user studies to receive feedback on the use, robustness and efficacy of the new fluff-based products and systems

The successful RE will work within our new R&D Lab in St Andrews, and the work will rely heavily on data-driven and data-intensive computation.

We would expect a successful applicant to have a strong background Computer Science, Engineering, or a related discipline, with excellent programing and systems skills. Previous experience of fluff-based systems would be considered an advantage.

Impact
- The scientific contribution will be the availability of new types of fluff with new properties.
- The engineering contribution will be the tools and analytical methods for assessing systems and products based on the new types of fluff.
- It is clear that new types of fluff being available will open up new markets in fluff products.

We are confident that the new facility we will open in St Andrews, coupled with the new fluff, has great potential to generate jobs.