

Research positions on Data Storage by Ultrafast Laser Direct Writing

Several research fellowships including senior research fellowships based in the Optoelectronic Research Centre (ORC) at the University of Southampton are available as a result of a collaborative research programme sponsored by Microsoft Research on exploring the potential of the ORC's 5D memory technology.

We are looking for the hands-on experimental scientists with the drive to solve difficult and challenging technological and scientific problems. If you are motivated by working in a high calibre, highly dynamic research consortium, then these positions provide an exciting environment.

We are looking for researchers with experience in one of the following fields:

- ultrafast laser material processing,
- femtosecond laser direct writing,
- nonlinear optics,
- ultrafast optics,
- micro-optics,
- optical engineering
- optical data storage including holographic

The main qualification is a good track record of innovative research at an international level. Experience of highly effective working in teams, particularly large teams, is also highly desirable.

The Applicants should demonstrate experience working with ultrafast laser systems and have a track record of independently setting up complex optical experiments.

There are 3 positions available initially for two years with strong prospects for further extension depending on performance and funding.

Salary: £29,301 to £46,924 per annum, more will be available for exceptional and experienced researchers.

Informal enquiries may be directed to Prof Peter Kazansky, ORC, University of Southampton, on tel: +44 (0) 79 1969 5972 or email: pgk@soton.ac.uk.