Department: Physics
Sub-department: Soft Matter and Biological Fluids

Post Title and Post Reference Number: Research Fellow in Soft Matter and Biological Fluids

Salary: Grade 6

Hours: Full time
(Insert only where vacancy is part-time)

Permanent/Fixed Term Contract: Fixed Term: 1 years

Location: University of Warwick

Duties/Responsibilities:
The Soft Matter and Biological Fluid Dynamics Laboratory within the Physics Department of the University of Warwick is seeking to appoint a Postdoctoral Research Associate to work in the general area of biophysics of microorganisms and swimming cells. The lab has a strategic interest in developing research in particular on the statistical properties of suspensions of swimming cells, and the successful candidate will have the possibility to work on a well-defined project within this field. However, we welcome applications also from creative candidates seeking to pursue ground-breaking independent projects related to the general area of activity of the laboratory.

Skills/Experience required:
The ideal candidate will have extensive experience in experimental soft matter/biophysics or related area, and in particular digital video microscopy and microfluidics; will be well versed in scientific computing and will have a solid quantitative background. We seek a creative person with a demonstrable ability to work independently. Previous experience working with swimming cells will be an advantage but is not required.