

JOB DESCRIPTION

Ref: A2505

Job Title: Senior Research Associate	Grade: 7
Department/College: Department of Mathematics and Statistics	
Directly Responsible To: Professor Idris Eckley or Professor Paul Fearnhead (as appropriate)	
Supervisory Responsibility For: N/A	
<p><u>Other contacts</u></p> <p>Internal: PhD students and other members within the multiscale methods group (a subset of the stochastic modelling group); colleagues in Department of Mathematics & Statistics.</p> <p>External: Members of the broader research project team at both Lancaster and University of Cambridge, industrial partners and the wider research community.</p>	
<p><u>Major Activities:</u></p> <p>To conduct research, write publications and present at conferences. The role carries responsibility for ensuring that research activities are in line with project objectives, and has autonomy to ensure that objectives are met.</p> <ul style="list-style-type: none"> • To contribute to the research project, the primary aim of which is the development of methods and tools for the statistical analysis of data streams and to perform data analyses to illustrate the effectiveness of these techniques. • To publish in leading statistical journals and, where appropriate, to contribute to publications in these journals jointly with other members of the project. • To attend and contribute to project meetings with staff from partner organisations involved in the project. • To attend meetings, workshops and conferences in the UK and abroad, presenting research results and networking. • To develop code that implements the methods developed in a way which supports reproducible research practice. • To support the Investigators as appropriate in developing the broader collaborative relationship with external partners. • To undertake any other duties as may be requested by the Investigators, provided that these are appropriate to the grade of the post. 	