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David Smith and Rosemary Dyson awarded BBSRC-funded Industrial CASE PhD studentship

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A BBSRC-funded Industrial CASE PhD studentship is available for a project on modelling the dynamics of microfibre-laden flow, jointly with the company Linear Diagnostics Ltd. The studentship provides 4 years of funding, covering tuition fees (UK/EU) and stipend at the standard rate of £13,726 tax exempt (UK only), commencing September 2014. The position will be highly suitable for a graduate from a mathematics background who wishes to develop their mathematical abilities further whilst simultaneously training in multidisciplinary science, including learning to conduct wet laboratory work and helping to commercialise research findings.

Mathematical aspects of the project will include numerical and asymptotic modelling of complex fluids. A principal focus of the commercial collaboration will be improving portable devices to detect pathogens in drinking water, a potentially life-saving development.

Applications are encouraged from candidates holding or expecting a first class mathematics degree and who are enthusiastic about the real world applications of science. The closing date is 31st January 2014. For informal queries, please contact Dr David J. Smith (**d.j.smith.2@bham.ac.uk (mailto:d.j.smith.2@bham.ac.uk)**) or Dr Rosemary Dyson (**r.j.dyson@bham.ac.uk (mailto:r.j.dyson@bham.ac.uk)**);please make a formal application to the Applied Mathematics PhD programme, indicating that you wish to be considered for the BBSRC CASE studentship.

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