

PhD in Probability/Applied Mathematics (funded by EPSRC+Thales)

A PhD candidate is sought to work on 'Optimal Detection of Hidden Targets' in the School of Mathematics at the University of Manchester. The position will suit candidates with a strong background in Probability Theory and/or Applied Mathematics. The PhD is partly sponsored by Thales Underwater Systems, and the candidate will be expected to work for a number of weeks each year on site (based just outside Manchester). As such the candidate must be happy with translating theory into data-oriented practice.

The candidate is expected to have an excellent academic track record in Mathematics (or a suitably related subject), and preference will be given to strong ability in both Probability Theory (Stochastic Processes) and Applied Mathematics (Differential Equations). Due to the nature of the project, the candidate must hold a UK passport.

The position is available immediately with an envisioned start date of 1 October 2011. The position is renewable for up to 3.5 years, subject to satisfactory progress, and will provide for tuition fees and a tax-free stipend of £13,590 (plus an extra £3,000) per year.

Informal enquires can be made to Professor G. Peskir (E-mail: goran@maths.man.ac.uk; Phone: 0161 306 3215). Applications should be submitted online at

<http://www.maths.manchester.ac.uk/postgraduate/pgadmission/apply.html>

A closing date for submission is **22 July 2011**. Applications submitted after this date may still be considered but you are advised to check this before submitting. Shortlisted candidates will be interviewed either in person or via Skype in the week of 25-29 July. Please submit a complete application (incomplete applications will be delayed).