ACTUARIAL VACANCY

University of Cambridge
Statistical Laboratory

ETH Eidgenössische
Technische Hochschule
Zürich

Department of Mathematics
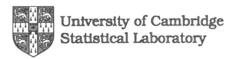
UBS RESEARCH FELLOWSHIPS
IN FINANCIAL MATHEMATICS

Applications are invited for two three-year post-doctoral research fellowships in financial mathematics, to be instituted in collaboration with the Union Bank of Switzerland (UBS). The first position is affiliated to the Statistical Laboratory of the University of Cambridge, the second to the Department of Mathematics of the Eidgenössische Technische Hochschule (ETH) in Zürich. Besides the establishment of research contacts between Cambridge and the ETH, the research fellows will be expected to interact closely with derivatives professionals at UBS, both in London and Zürich. In order to facilitate this collaboration, the research fellows will be expected to spend some time at both the London and Zürich offices of UBS.

It is expected that the persons appointed will be recent Ph.Ds with outstanding records and direct research experience in financial mathematics or expertise in an appropriate area of applicable mathematics. The mathematical backgrounds of the persons appointed are likely to be in one, or more, of the following areas:

    (i) probability theory and stochastic calculus;
    (ii) mathematical modelling and applied probability;
    (iii) optimization and stochastic control theory;
    (iv) numerical methods for partial or stochastic differential equations;
    (v) the statistical analysis of financial time series.

Applications, including a curriculum vitae and the names of three referees (at least two of which should be academic) should be sent by 29th February 1996 to The Director, Statistical Laboratory, 16 Mill Lane, Cambridge CB2 1SB, UK (for the Cambridge position), and to Professor P. Embrechts, Department of Mathematics, ETH Zentrum, CH–8092 Zürich, Switzerland (for the ETH position). If not otherwise indicated, candidates will be considered as applying for either position.

Both the University of Cambridge and the ETH Zürich
aim to achieve the highest quality in teaching and research.

The University of Cambridge and ETH Zürich are Equal Opportunities Employers.