

# Mathematics Institute

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[http://www2.warwick.ac.uk/fac/sci/math/people/staff/ashley\\_ford/](http://www2.warwick.ac.uk/fac/sci/math/people/staff/ashley_ford/)

I obtained an MSc in statistics from Manchester in 1977 with a dissertation on stochastic point processes. I was then employed in government research, most recently at QinetiQ, where I worked with Andrew Webb on a wide range of pattern recognition problems including network data.

I recently completed a PhD with Gareth Roberts in the Statistics department at Warwick University. I am now working with Thomas House on the application of geometric MCMC methods to epidemics.

My research interests are in MCMC applied to epidemics and models for heterogeneity in contact structures for epidemics. I am also interested in inference for network structures.