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The Trustees of the Rollo Davidson Trust give notice that they have awarded Rollo Davidson Prizes for 1999 to Raphael Cerf (Université Paris-Sud), for his work on geometrical probability and the large deviation theory of percolation in three dimensions, and Gareth Roberts (Lancaster), for his work on the theoretical properties of simulation procedures, including Markov chain Monte Carlo, important in the Bayesian paradigm in statistics.