THE ANNALS

of

APPLIED PROBABILITY

AN OFFICIAL JOURNAL OF THE INSTITUTE OF MATHEMATICAL STATISTICS

Articles

| The emergence of the deterministic Hodgkin–Huxley equations as | |
|--|------|
| a limit from the underlying stochastic ion-channel mechanism TIM D. AUSTIN | 1279 |
| Two sufficient conditions for Poisson approximations in the ferromagnetic Ising model | 1326 |
| Efficient rare-event simulation for the maximum of heavy-tailed random walksJose Blanchet and Peter Glynn | |
| Large deviations and a Kramers' type law for self-stabilizing diffusions SAMUEL HERRMANN, PETER IMKELLER AND DIERK PEITHMANN | 1379 |
| Analytic crossing probabilities for certain barriers by Brownian motion | 1424 |
| On the disconnection of a discrete cylinder by a biased random walk | 1441 |
| Computable exponential bounds for screened estimation and simulation IOANNIS KONTOYIANNIS AND SEAN P. MEYN | 1491 |
| Bayesian nonparametric estimators derived from conditional Gibbs structures Antonio Lijoi, Igor Prünster and Stephen G. Walker | 1519 |
| Central limit theorem for a many-server queue with random service rates RAMI ATAR | 1548 |
| Disordered pinning models and copolymers: Beyond annealed bounds | 1569 |
| Stein's method for discrete Gibbs measuresPETER EICHELSBACHER AND GESINE REINERT | 1588 |
| Central limit theorem for branching random walks in random environment | 1619 |
| On the largest component of a random graph with a subpower-law degree sequence in a subcritical phase | 1636 |
| The largest component in a subcritical random graph with | |