

# THE ANNALS *of* PROBABILITY

*AN OFFICIAL JOURNAL OF THE*  
INSTITUTE OF MATHEMATICAL STATISTICS

## Articles

- An elliptic Harnack inequality for difference equations with random balanced coefficients  
NOAM BERGER, MORAN COHEN,  
JEAN-DOMINIQUE DEUSCHEL AND XIAOQIN GUO 835
- A Smoluchowski–Kramers approximation for an infinite dimensional system with  
state-dependent damping. . . . . SANDRA CERRAI AND GUANGYU XI 874
- Simple conformal loop ensembles on Liouville quantum gravity  
JASON MILLER, SCOTT SHEFFIELD AND WENDELIN WERNER 905
- Convergence in law for complex Gaussian multiplicative chaos in phase III  
HUBERT LACOIN 950
- Normal fluctuation in quantum ergodicity for Wigner matrices  
GIORGIO CIPOLLONI, LÁSZLÓ ERDŐS AND DOMINIK SCHRÖDER 984
- Geodesic stars in random geometry. . . . . JEAN-FRANÇOIS LE GALL 1013
- Local limits of bipartite maps with prescribed face degrees in high genus  
THOMAS BUDZINSKI AND BAPTISTE LOUF 1059
- Critical prewetting in the 2d Ising model  
DMITRY IOFFE, SÉBASTIEN OTT, SENYA SHLOSMAN AND YVAN VELENIK 1127
- Sharp concentration for the largest and smallest fragment in a  $k$ -regular self-similar  
fragmentation. . . PIOTR DYSZEWSKI, NINA GANTERT, SAMUEL G. G. JOHNSTON,  
JOSCHA PROCHNO AND DOMINIK SCHMID 1173
- A forward-backward SDE from the 2D nonlinear stochastic heat equation  
ALEXANDER DUNLAP AND YU GU 1204