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Andrey Sarantsev* (sarantsev@pstat.ucsb.edu), South Hall 5607A, Statistics and Applied Probability, University of California, Santa Barbara, CA 93106. *INFINITE ATLAS MODEL*.

In the infinite Atlas model, the bottom-ranked Brownian particle moves with drift one, all other Brownian particles are driftless. We survey recent results on this model: stationary regimes, long-term convergence, scaling limits of the empirical measure. Joint work with Amir Dembo, Vladas Sidoravicius, Li-Cheng Tsai, Manuel Cabezas. (Received January 22, 2018)