1145-60-2510 Andrey Sarantsev*, 1664 N Virginia St, Davidson Math & Science Center 314, University of Nevada, Reno, NV 89557. Systems of Competing Brownian Particles.

Brownian particles interacting through their ranks have been subject of much recent research, starting from 2005 onward. Here, we survey recent developments and propose new problems. (Received September 25, 2018)