1172-60-326   **Ibrahim Fatkullin*** (`ibrahim@math.arizona.edu`), 617 N Santa Rita Ave, Tucson, AZ 85721.
Gibbs measures on partitions and their evolutions.

I will talk about some recent results and new ideas related to measures on partitions and their relation to various stochastic processes such a zero range and coagulation fragmentation processes. In particular I will concentrate on scaling limits of several kinds of stochastic dynamics which give rise to various nonlinear differential and integral equations. (Received August 31, 2021)