ICTS Probability Seminar

Title : Some TASEP-models on a ring

Speaker : Svante Linnuson, KTH Stockholm, Sweden

Date : Wednesday, February 7, 2018

Time : 2:15 PM

Venue : Madhava Lecture Hall, Room, ICTS Campus, Bangalore

Abstract : Imagine n particles labelled 1 to n on a ring with n sites. A particle i can swap place with its left neighbor j if $i<j$. This becomes a Markov chain model which has been studied by many authors and I will explain some very nice probabilistic and combinatorial properties, e.g. by Arvind Ayyer and myself.

I will also report on more recent work, joint with Erik Aas, on a continuous version of this model.