

ICTS Seminar

Title : Velocity statistics of Granular gases

Speaker: Prasad V V, Institute of Mathematical Sciences, Chennai

Date : Wednesday, July 26, 2017

Time : 11:30 AM

Venue : Amal Raychaudhuri Meeting Room, ICTS Campus, Bangalore

Abstract : Granular gases are less dense systems of Granular particles. Though well studied, one is yet to understand the nature of the velocity distributions in these systems when driven. In this talk, I will discuss some of our recent works in this direction and how these could be helpful in understanding generic features in the velocity statistics of driven granular gases.

Ref:

1. Velocity distribution of a driven inelastic one-component Maxwell gas, Physical Review E 95, 032909 (2017).
2. Driven inelastic Maxwell gases, Physical Review E 90, 062130 (2014).