



## Theoretical Statistics and Mathematics Unit

### Seminar

Date: September 14, 2016

Time: 4:15 PM

Venue: L-Infinity, Stat-Math Unit (5th Floor, A.N. Kolmogorov Bhavan)

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Structure theorem for entropy solutions of conservation laws .

#### Abstract

In general, finding the exact behaviour of entropy solutions is an open problem. On the other hand if we consider the scalar conservation laws with convex flux, then the exact behaviour of the entropy solutions can be described. Basically one would like to know how many shock curves exit and estimation of the regions where the solution is smooth. In this talk I will explain all these phenomena.

All are cordially invited