Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Seminar

Measure valued solutions to spatially homogenous Boltzmann equation

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Abstract: In this talk, we study the solutions, which are probability measures with some finite moments, to the non-cutoff homogenous Boltzmann equation. In the Maxwellian molecules case and the moderately soft potentials, the infinite energy solutions are not excluded. Moreover, the smooth effect of the solution is discussed if the initial datum is not a single Dirac mass.

Date:	2 March 2016 (Wednesday)
Time:	9:50 a.m. - 10:50 a.m.
Venue:	Room 515, Lee Sau Kee Building
	The Chinese University of Hong Kong, Shatin

All are Welcome!