Meiji University Global COE Program

3rd Mathematical Sciences based on Modeling, Analysis and Simulation seminar

Date : April 15. 2009, 16:30～17:30

Location : Meiji Univ. Ikuta Campus, Build 2 Annex A, Room A205

Akiyasu Tomoeda (Meiji Univ., Tokyo Univ.)

Titile : Jamming Formation in Traffic Flow
~ Microscopic and Macroscopic Approach ~

Abstract : Various kinds of jamming phenomena are observed in our daily life. In particular, the dynamics of traffic jam have attracted the interest of researchers in many fields, in terms of a non-equilibrium and dynamical system due to collective motion of interacting particles. In contrast to the continuous (macroscopic) model in the previous talk, our stochastic cellular automaton model (microscopic approach) applicable to buses, trains and other dynamics in conveyance system will be explained in this talk.

Everyone is welcome to attend the MAS seminar.

Meiji institute for Advanced Study of Mathematical Science (http://www.mims.meiji.ac.jp/)

（Organizers: M. Mimura, D. Ueyama, Y. Wakano and K. Ikeda）

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Access: 10 minutes on foot from Ikuta St. Odakyu line,
Or 10 minutes by bus No.13「明治大学正門前」, get off at the last stop.
See http://www.meiji.ac.jp/koho/campus_guide/ for details.