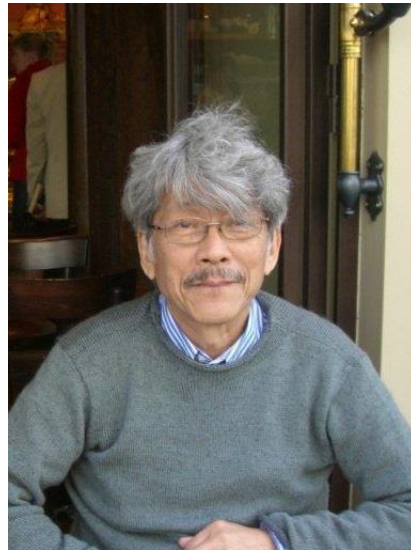


RIMS Workshop

Kinetic Modeling and Related Equations: Conference in Memory of Seiji Ukai

October 28 (Mon) – 30 (Wed), 2013
Kyoto University (Rakuyu-Kaikan), Kyoto, Japan



Program Overview

	28 (Mon)	29 (Tue)	30 (Wed)
9:00 – 9:20	Registration		
9:20 – 9:30	Opening		
9:30 – 10:10	Bardos	Kawashima	Pulvirenti
	Coffee Break		
10:40 – 11:20	Nishida	Ha	Makino
11:30 – 12:10	Saut	Nakamura	Zhao
	Lunch		
14:10 – 14:50	Morimoto	Point	Iguchi
15:00 – 15:40	Xu	Caprino	Cannone
	Coffee Break		
16:10 – 16:50	Tani	Golse	Yang
17:00 – 17:40	Yu		
18:30 –		Banquet	

Organized by

Department of Mechanical Engineering and Science, Kyoto University
 Department of Aeronautics and Astronautics, Kyoto University
 Department of Human Coexistence, Kyoto University
 Research Institute for Mathematical Sciences, Kyoto University

PROGRAM

28th, Monday

9:00 - 9:20 *Registration*

9:20 - 9:30 *Opening*

9:30 - 10:10 Claude Bardos (Université Denis Diderot)
About a variant of the Vlasov equation dubbed Vlasov-Dirac Benney equation

Coffee Break

10:40 - 11:20 Takaai Nishida (Kyoto University)
Heat convection problems of compressible viscous fluids

11:30 - 12:10 Jean-Claude Saut (Université Paris-Sud)
Remarks on the Full Dispersion Kadomtsev-Petviashvili equation

Lunch

14:10 - 14:50 Yoshinori Morimoto
(Kyoto University)
Local existence near vacuum with mild regularity for the Boltzmann equation

15:00 - 15:40 Chao-Jiang Xu (Université de Rouen)
Gelfand-Shilov regularizing effect for a class of kinetic equation

Coffee Break

16:10 - 16:50 Atusi Tani (Keio University)
Classical Solution to the Radial Viscous Fingering Problem in a Hele-Shaw Cell

17:00 - 17:40 Shih-Hsien Yu (National University of Singapore)
Nonlinear stability of Broadwell model with Maxwell diffuse boundary condition

29th, Tuesday

9:30 - 10:10 Shuichi Kawashima (Kyushu University)
Asymptotic behavior of solutions to the generalized cubic double dispersion equation

Coffee Break

10:40 - 11:20 Seung-Yeal Ha (Seoul National University)
Synchronization of classical and quantum oscillator systems

11:30 - 12:10 Tohru Nakamura (Kyushu University)
Stationary wave to systems of viscous conservation laws in half line

Lunch

14:10 - 14:50 Nelly Point (Conservatoire National des Arts et Metiers)
Convex Analysis and thermodynamics

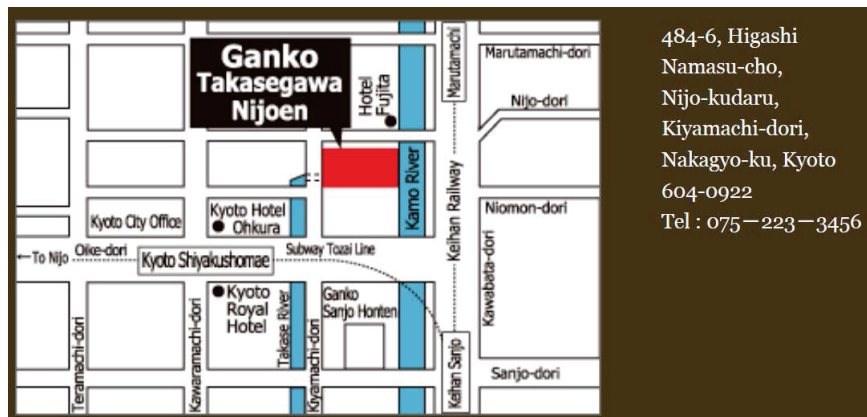
15:00 - 15:40 Silvia Caprino (Universita di Roma "Tor Vergata")
On an infinitely extended Vlasov-Poisson plasma

Coffee Break

16:10 - 16:50 François Golse (Ecole Polytechnique)
The diffusion approximation for the linear Boltzmann equation with vanishing scattering coefficient

Banquet

The Banquet will be held at "Ganko Takasegawa Nijoen" (<http://www.gankofood.co.jp/en/>) from 18:30. See below for the location.



30th, Wednesday

9:30 - 10:10 Mario Pulvirenti (Universita di Roma "La Sapienza")
A Kac model for Fermions

Coffee Break

10:40 - 11:20 Tetu Makino (Yamaguchi University)
Recent progress of the study of the Euler-Poisson equation

11:30 - 12:10 Huijiang Zhao (Wuhan University)
Compressible Navier-Stokes Approximation of the Boltzmann Equation

Lunch

14:10 - 14:50 Tatsuo Iguchi (Keio University)
Solvability of the initial value problem to a model system for water waves

15:00 - 15:40 Marco Cannone (Université Paris-Est)
On self-similar solutions to the homogeneous Boltzmann equation

Coffee Break

16:10 - 16:50 Tong Yang (City University of Hong Kong)
Regularizing effect and some related problems for the Boltzmann equation without angular cutoff