Kyushu-Euskadi Workshop on Applied Mathematics (Kyushu-Euskadi 2013)

Date : November 12, 2013

Venue : Fukuoka University Seminar House, Fukuoka, Japan

Organizing Committee :
Shuichi Kawashima (Kyushu University)
Enrique Zuazua (BCAM & Ikerbasque)

Program

9:50∼10:00 Opening

10:00∼10:30 Miguel Escobedo (*University of the Basque Country*)
Finite time blow up and condensation in the Nordheim equation for bosons

10:40∼11:10 Michiaki Onodera (*Kyushu University*)
Geometric evolution equations for quadrature identities

11:30∼12:00 Minh Binh Tran (*Basque Center for Applied Mathematics*)
Convergence to equilibrium of the quantum Boltzmann equation

12:10∼12:40 Masatoshi Okita (*Kyushu University*)
Optimal decay rate for strong solutions in critical spaces to the compressible Navier-Stokes equations

Lunch

14:20∼14:50 Liviu Ignat (*Basque Center for Applied Mathematics*)
Long time behaviour of some nonlocal evolution problems

15:00∼15:30 Hideki Murakawa (*Kyushu University*)
Reaction-diffusion system approximation to nonlinear diffusion problems and its application to numerical analysis

15:50∼16:20 Alejandro Pozo Pazos (*Basque Center for Applied Mathematics*)
Large time asymptotics for a simplified model of the sonic boom propagation

16:30∼17:00 Takasi Senba (*Kyushu Institute of Technology*)
On the behavior of radial solutions to a parabolic-elliptic system

Banquet