Workshop on Differential Equations in Hiroshima

Date : October 14 (Fri.) 14:40 – October 15 (Sat.) 12:50, 2016
Place : Room B707, Faculty of Science, Hiroshima University

Program

October 14 (Friday)

14 : 40 – 15 : 30   Kazunaga Tanaka (Waseda University)
Standing waves for spatially periodic logarithmic Schrödinger equations

15 : 50 – 16 : 40   Tetu Makino (Yamaguchi University)
Nash-Moser theorem and vacuum boundary of gaseous stars

17 : 00 – 17 : 50   Tohru Ozawa (Waseda University)
Critical Hardy inequalities

18 : 30 –   Banquet

October 15 (Saturday)

9 : 40 – 10 : 30   Borislav Yordanov (Hokkaido University)
Global regularity for supercritical dissipative nonlinear wave equations in 3D
(joint work with Kyouhei Wakasa)

10 : 50 – 11 : 40   Kohei Soga (Keio University)
Weak KAM theory for discount Hamilton-Jacobi equation and its application

12 : 00 – 12 : 50   Naoto Kumano-go (Kogakuin University)
Phase space path integral of higher order parabolic type with general functional
as integrand

Organizers :   Masaru Ikehata (Hiroshima Univ.)
                    ikehata@amath.hiroshima-u.ac.jp
                Ryo Ikehata (Hiroshima Univ.)
                    ikehatar@hiroshima-u.ac.jp
                Shingo Kamimoto (Hiroshima Univ.)
                    kamimoto@hiroshima-u.ac.jp
                Hiroyoshi Mitake (Hiroshima Univ.)
                    hiroyoshi-mitake@hiroshima-u.ac.jp
                Tetsu Mizumachi (Hiroshima Univ.)
                    tetsum@hiroshima-u.ac.jp
                Tetsutaro Shibata (Hiroshima Univ.)
                    shibata@amath.hiroshima-u.ac.jp
                Kazuhiro Takimoto (Hiroshima Univ.)
                    takimoto@math.sci.hiroshima-u.ac.jp