2016 RIMS Joint Research:
Development of Scattering Theory
for Differential Equations

Date: September 7 (Wed.)–9 (Fri.), 2016

Venue: Room 111, RIMS, Kyoto University

Note: Most of talks will be given in Japanese

Program

September 7 (Wednesday)

13:30–14:30   Shu Nakamura (The University of Tokyo)
Topics on microlocal methods in scattering theory I

14:45–15:45   Hiroshi Isozaki (Professor Emeritus at University of Tsukuba)
Two topics from inverse scatteirng theory I:
Inverse scattering on lattices and
geometry of electrical networks

16:00–17:00   Hideo Nakazawa (Nippon Medical School)
Uniform resolvent estimates for magnetic Schrödinger
operators and their applications I

September 8 (Thursday)

9:30–10:30   Hiroshi Isozaki (Professor Emeritus at University of Tsukuba)
Two topics from inverse scatteirng theory II:
Stackel metric and complex angular momentum

10:45–11:45   Shu Nakamura (The University of Tokyo)
Topics on microlocal methods in scattering theory II

— Lunch —

13:15–14:15   Hideo Nakazawa (Nippon Medical School)
Uniform resolvent estimates for magnetic Schrödinger
operators and their applications II

14:30–15:30   Shu Nakamura (The University of Tokyo)
Topics on microlocal methods in scattering theory III

15:45–16:45   Masaki Kawamoto (Kobe University)
Scattering theory in time-dependent magnetic fields I

September 9 (Friday)

9:45–10:45   Shu Nakamura (The University of Tokyo)
Topics on microlocal methods in scattering theory IV

11:00–12:00   Masaki Kawamoto (Kobe University)
Scattering theory in time-dependent magnetic fields II

Organizer: Koichi Kaizuka (Gakushuin University)