International Workshop on
Nonlinear Partial Differential Equations

December 10–12, 2014

Okayama International center, Okayama, Japan

December 10 (Wednesday)

13:30∼14:15   Yong-Hoon Lee (Pusan National University)

Existence of solutions for strongly coupled p-Laplacian systems

14:30∼15:15   Tetsutaro Shibata (Hiroshima University)

Global and local behavior of oscillation bifurcation curve

15:30∼16:15   Yoshiyuki Kagei (Kyushu University)

On the stability of viscous compressible flow

16:30∼17:15   Hideo Kozono (Waseda University)

Stability of the large stationary solutions to the Navier-Stokes equations under the general flux condition

December 11 (Thursday)

9:30–10:15   Inbo Sim (University of Ulsan)

Existence of solutions for degenerate $p(x)$-Laplacian with critical nonlinearities

10:30∼11:15   Norisuke Ioku (Ehime University)

On the scale-invariant critical Hardy's inequality and related variational problems

11:30∼12:15   Daisuke Naimen (Tokyo Institute of Technology / OCAMI)

An elementary approach to a nonlinear elliptic problem with the nonlocal coefficient

14:00∼14:45   Futoshi Takahashi (Osaka City University)

Nonexistence of positive very weak solutions to an elliptic problem with boundary reactions

15:00~15:45   Mieko Tanaka (Tokyo University of Science)
              On a positive solution for (p, q)-Laplace equations with two parameters

16:00~16:45   Jaeyoung Byeon (KAIST)
              Asymptotic behavior of least energy solutions for the Henon equations

17:30~   Banquet

December 12 (Friday)

9:30~10:15   Soohyun Bae (Hanbat National University)
              Asymptotic self-similarity of entire solutions for quasilinear equations of
              Lane-Emden type

10:30~11:15   Atsushi Kosaka (Osaka City University)
              Asymptotic behavior of eigenvalues of the Laplace-Beltrami operator on a
              unit sphere with a small hole

11:30~12:15   Eiji Yanagida (Tokyo Institute of Technology)
              Dynamics of interfaces in the Fisher-KPP equation

14:00~   Excursion

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