

広島応用解析セミナー（第9回）

下記のように研究集会を開催致しますので、ご案内申し上げます。

世話人 坂口 茂, 三上 敏夫 (広島大学工学研究科)

日時：2008年9月1日(月) 14:00 ~ 9月4日(木) 12:20

場所：広島大学工学部 A3 棟 8階 841 号室

—プログラム—

9月1日(月)

14:00 ~ 15:30 Tatsuki KAWAKAMI (Tohoku University)

Entropy dissipations methods for the sign-changing solutions of some semilinear heat equations with the nonlinear boundary condition

15:50 ~ 17:20 Shuya KANAGAWA (Musashi Institute of Technology)

Ginzburg-Landau and Schrödinger equations induced from multi-dimensional bichromatic waves

9月2日(火)

9:00 ~ 10:30 Hiroaki MORIMOTO (Ehime University)

Viscosity solutions of parabolic Hamilton-Jacobi equations in economic growth models

10:50 ~ 12:20 Kazuhiro ISHIGE (Tohoku University)

The decay of the solutions for the heat equation with a potential
(joint work with M. Ishiwata and T. Kawakami)

14:00 ~ 14:45 Cristian ENACHE (Hiroshima University)

Maximum principles and symmetry results for a class of fully nonlinear elliptic PDE's

14:55 ~ 15:40 Takahiko CHUJO (Hiroshima University)

Hardy-Sobolev critical elliptic boundary value problems with multiple singular points on the boundary

16:00 ~ 17:30 Futoshi TAKAHASHI (Osaka City University)

Nondegeneracy of least energy solutions for an elliptic problem with nearly critical nonlinearity

9月3日(水)

9:00 ~ 10:30 Masaaki TSUCHIYA (Kanazawa University)

Identification of the shape of time-varying domains: an approach based on parabolic equations (joint work with H. Kawakami)

10:50 ~ 12:20 Naoyuki ICHIHARA (Hiroshima University)

Long-time behavior of solutions of Hamilton-Jacobi equations with convex and coercive Hamiltonians

14:00 ~ 15:30 Masashi MISAWA (Kumamoto University)

On a regularity for a class of weak solutions of the harmonic map flows

15:50 ~ 17:20 Hayato NAWA (Osaka University)

Asymptotic profiles and blowup rates for the pseudo-conformally invariant nonlinear Schrödinger equations

9月4日(木)

9:00 ~ 10:30 Gérard PHILIPPIN (Université Laval)

Some isoperimetric inequalities with application to the Stekloff problem

10:50 ~ 12:20 Koji KIKUCHI (Shizuoka University)

An analysis of a system of quasilinear hyperbolic equations having quasiconvex and linear growth energy functional

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