International Workshop on PDE
"Concentration and Related Topics in Nonlinear Problems"

Organizing Committee:	Eiji Yanagida	(Tokyo Inst. Tech.)
	Hideo Kozono	(Tohoku Univ.)
	Takayoshi Ogawa	(Tohoku Univ.)
	Kazuhiro Ishige	(Tohoku Univ.)

Date and Time Nov. 22 (Mon) 10:00 - Nov. 23 (Tue) 17:10

Place Mathematical Science Memorial Hall (Kawai-Hall)
 Mathematical Institute, Aoba Campus, Tohoku University
 Sendai City Bus, School of Science or Graduate School of Informatics
 `http://www.math.tohoku.ac.jp/~sa5m16/CRTNP/index-en.html`

Banquet Mori-no Parc, Fujisaki B1, Ichibancho, Sendai
 `http://www.math.tohoku.ac.jp/~sa5m16/CRTNP/BanquetMap-en.html`

Program

Nov. 22 (Mon)

10:00 - 10:50   Chang-Shou Lin (Nat. Taiwan Univ.)
 「A nonlinear PDE arising from tt^* geometry」

11:00 - 11:50   Yasuhito Miyamoto (Tokyo Inst. Tech.)
 「The "hot spots" conjecture for a certain class of planar convex domains」

Lunch break

14:00 - 14:25   Kanako Suzuki (Tohoku Univ.)
 「Patterns of the shadow system with nontrivial basic production terms」

14:30 - 14:55   Tatsuki Kawakami (Hiroshima Univ.)
 「Asymptotic profile for the Laplace equation with a nonlinear dynamical boundary condition」

15:10 - 16:00   Futoshi Takahashi (Osaka City Univ.)
 「Multi-bubble solutions and the geometry of the domain: some simple cases」

16:10 - 17:00   Takeyuki Nagasawa (Saitama Univ.)
 「The n-dimensional Helfrich flow」

<u>Nov. 23 (Tue)</u>

10:00 - 10:50   Wei-Ming Ni (Minnesota Univ. / East China Normal Univ.)
　　　　　　　「Diffusion and directed movements in heterogeneous environment」

11:00 - 11:50   Takashi Suzuki (Osaka Univ.)
　　　　　　　「Hamilton formalism to compressible no-viscous fluid equation and
application」

Lunch break

14:00 - 14:25   Hidemitsu Wadade (Osaka City Univ.)
　　　　　　　「Minimizing problems for the Hardy-Sobolev type inequality with
the singularity on the boundary」

14:30 - 14:55   Shota Sato (Japan Ministry of Justice)
　　　　　　　「Blow-up at space infinity of a solution with a moving singularity
for a semilinear parabolic equation」

15:10 - 16:00   Chiun-Chuan Chen (Nat. Taiwan Univ.)
　　　　　　　「Travelling wave solutions of 3-species competition-diffusion equations」

16:10 - 17:00   Izumi Takagi (Tohoku Univ.)
　　　　　　　「Point-condensation phenomena in mathematical models of pattern
formation in hydra」

19:00   -   Banquet