Mathematical Analysis and Applications Seminar

Contact: Hyeonbae Kang, 032-860-7622, hbkang@inha.ac.kr
Hyundae Lee, 032-860-7623, hdlee@inha.ac.kr

2010, Oct. 15 (Fri.) 4:00, 5W254 Inha Univ.
Kazumi Tanuma (Gunma U.)
Perturbation and dispersion of phase velocity of Rayleigh waves in prestressed anisotropic elastic media

2010, Oct. 15 (Fri.) 5:00, 5W254 Inha Univ.
Yueqiang Shang (Inha U.)
Parallel finite element algorithms for the stationary Navier-Stokes equations

Coming Attractions

2010, Oct. 29 (Fri.) 4:00, 5W254 Inha Univ.
Eunok Jung (Konkuk U.)
A dynamic model and optimal treatment strategiy of tuberculosis transmission in South Korea

2010, Nov. 19 (Fri.) 4:00, 5W254 Inha Univ.

2010, Dec. 10 (Fri.) 4:00, 5W254 Inha Univ.

Seminars in the Past

[**2010**]
2010, Oct. 1 (Fri.) 4:00, 5W254 Inha Univ.
Seick Kim (Yonsei U.)
Global pointwise estimates for Green's matrix of second order elliptic systems

2010, Sept. 24 (Fri.) 4:00, 5W254 Inha Univ.
KiHyun Yun (Hanguk U. Foreign Studies)
An analysis on a transverse magnetic cavity (continue)

2010, Sept. 24 (Fri.) 5:00, 5W254 Inha Univ.
Hyundae Lee (Inha U.)

Cloaking via change of variables for the Helmholtz equation in the whole space
(by Hoai-Minh Nguyen)

2010, Sept. 10 (Fri.) 4:00, 5W254 Inha Univ.
KiHyun Yun (Hanguk U. Forein Studies)
An analysis on a transverse magnetic cavity

2010, Aug. 4 (Wed) 4:00, 5W254 Inha Univ.
Phihwa Lee (Department of Cell Biology and Center for Cell Analysis and
Modeling, University of Connecticut Health Center)
Multi-objective and fast design of acoustic superlensing

2010, July 29 (Thur), 4:00, 5W254 Inha Univ.
Liping Liu (University of Houston)
New extremal inclusions and their applications to two-phase composites

=== NIMS Thematic Program- Intensive Lectures ===

Lecture 1. July 19 (Mon), 11:00-12:00, 2:00-3:00, 4:00-5:00
Josselin Garnier (Ecole Normale Superieure)
Sensor array imaging in a noisy environment

Lecture 2. July 26 (Mon), 11:00-12:00, 2:00-3:00, 4:00-5:00
Knut Solna (University of California at Irvine)
Imaging and inference with noisy signals

Lecture 3. Aug. 2 (Mon), 11:00-12:00, 2:00-3:00, 4:00-5:00
Habib Ammari (Ecole Normale Superieure)
Differential Polarization Imaging
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2010, June 20 (Monday) 3:00, 5W254, Inha Univ.
Dongyung Kim (Seoul National University)
Multiscale models for fluid mixing

2010, June 10 (Thursday) 4:00, 5E102 Inha Univ.
Hunseok Kang (Kyungpook University)
Creative processes of information in the dynamic brain and a functional role
of chaotic itinerancy

2010, June 10 (Thursday) 6:00, 5E102 Inha Univ.
Jisun Lim (Seoul National University)

The qualitative study of solutions of some integral equations and a chemical reaction-diffusion system

2010, May 28 (Friday) 4:00, 5W254 Inha Univ.
Sukjoon Pyun (Inha U., Dept. Energy Resources Engineering)
Waveform inversion technique as a subsurface imaging tool for oil exploration

2010 April 2 (Friday) 4:00, 5W254 Inha Univ.
Mikyoung Lim (KAIST)
Passive Sensor Imaging Using Cross Correlations of Noisy Signals in a Scattering Medium (by J. Garnier & G. Papanicolaou)

2010 April 16 (Friday) 4:00, 5W254 Inha Univ.
Hyundae Lee (Inha)
Cloaking of small objects by anomalous localized resonance (by Guy Bouchitt and Ben Schweizere)

[2009]
2009 Sept. 11 (Friday) 4:00, 5W254 Inha Univ.
Dowan Kim (Hanyang Univ.)
Axial Greens function method and its recent progress

2009 June 5 (Friday) 4:00, 5W254 Inha Univ.
Kazumi Tanuma (Gunma Univ.)
Perturbation and dispersion of Rayleigh waves in anisotropic elastic media

2009 May 28 (Thursday) 5:00, 5W254 Inha Univ.
Taeryon Choi (Inha Univ.)
Bayesian Analysis in a Nutshell : 5W1H?

2009 May. 22 (Friday) 4:00, 5W254 Inha Univ.
Mikyoung Lim (KAIST)
Notion of scattering supports

2009 May. 15 (Friday) 4:00, 5W254 Inha Univ.
Taechang Cho (Inha Univ.)
Narrow escape problem I

2009 May. 1 (Friday) 4:00, 5W254 Inha Univ.
Jaeduck Jang (Hankuk Univ. for Foreign Studies)
Uniqueness of Positive Radial Solutions of $\Delta u + f(u) = 0$ in R^N, $N \geq 2$

2009 Apr. 17 (Friday) 4:00, 5W254 Inha Univ.
Jaeyoung Byeon (POSTEC)
A variational approach to singularly perturbed problems

2009 Apr. 23 (Thursday) 4:00, 5W254 Inha Univ.
Hyundae Lee (Inha Univ.)
Diffusion in cellular microdomains: application to synapses (by D. Holcman)

[2008]
2008 Dec. 18 (Thursday) 4:00, 5W258 Inha Univ.
Giulio Ciraolo (Ecole Polytechnique)
Wave propagation in open waveguides: a mathematical analysis based on the knowledge of a Green's function

2008 Dec. 9 (Tuesday) 4:00, 5W258 Inha Univ.
Anael Dossevi (Ecole Polytechnique)
A reconstruction algorithm for extended targets in elasticity

============**Mini-Symposium**============
Dec. 5, 2008 (Fri.) 5W258 Inha Univ.

2:00-2:50 Seung Yeal Ha (Seoul National Univ.)
Mathematical Modelling for Flocking

3:00-3:50 Jae Ryong Kweon (POSTECH)
Discontinuity Dynamics of Compressible Viscous flows by Corner Singularities

4:00-4:50 Bongsoo Jang (POSTECH)
Numerical computation in periodic multi-scale media

5:00-6:00 Tae-Chang Jo (Inha Univ.)
A regularized model for strongly nonlinear internal waves
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2008, Oct. 29 (Wednesday) 3:00, 5W258 Inha Univ.
Pierre Garapon (Ecole Polytechnique)
Separation of Scales in an Elastic Inverse Problem

2008 Sept. 25 (Thursday) 4:00, 5W258 Inha Univ.
Jung Wook Lee (Seoul National Univ.)

Asymptotic formula for the displacement field due to presence of small inclusions near boundary

2008 Sept. 18 (Thursday) 4:00, 5W258 Inha Univ.
Hyundae Lee (Inha Univ.)
Fictitious fluid approach and anomalous blow-up of the dissipation rate in a two-dimensional model of concentrated suspensions (a paper by L. Berlyand *et al*)