

COE Transversal Seminar on Analysis and Geometry

Date : October 26, 27 (2007)

**Place : Room 14-513/514, 5th Floor, Bldg.14
Faculty of Science and Technology
Yagami Campus, KEIO University**

Speakers and Schedule

Oct.26

11:00 - 12:00 Moriyoshi, Hitoshi (Keio Univ.)

Toeplitz Index Theorem on covering spaces

13:30 - 14:30 Atsuji, Atsushi (Keio Univ.)

Diffusion and function theory on the submanifolds in $\mathbb{C}^n$

14:45 - 15:45 Hirachi, Kengo (Univ. of Tokyo)

Invariant theory for the Szegő kernel and Q-curvature

16:00 - 17:00 Boutet de Monvel, Louis (Univ. Paris VI)

Pathways Lecture Series (II)

Star algebras and Toeplitz operators, residual trace and equivariant index

Oct.27

11:00 - 12:00 Sugiyama, Yoshie (Tsuda College)

Partial regularity and blow-up asymptotics of weak solutions to degenerate Keller-Segel systems

13:30 - 14:30 Boumaza, Hakim (JSPS / Keio Univ./ Univ. Paris VII)

Integrated Density of States for a matrix-valued Schrödinger operator

14:45 - 15:45 Nishitani, Tasuo (Osaka Univ.)

On the Cauchy problem for non effectively hyperbolic operators and the Gevrey classes

16:00 - 17:00 Boutet de Monvel, Louis (Univ. Paris VI)

Pathways Lecture Series (III)

Star algebras and Toeplitz operators, residual trace and equivariant index