KEIO University COE
Integrative Mathematical Science:
Progress in Mathematics Motivated by Natural and Social Phenomena

Integrative Mathematical Sciences
統合数理科学

An International Meeting

Noncommutative Geometry and Physics 2004

organized by
Y. Maeda (Keio Univ.), N. Tose (Keio Univ.), S. Watamura (Tohoku Univ.)

From February 26 to March 03
at Raiosha, Hiyoshi Campus, Keio University

Speakers:

P.Bieliavsky(Bruxelles) Towards noncommutative locally anti-de Sitter (BTZ) black holes
H.Bursztyn(Toront) Picard groups in Poisson geometry
A. Cardona (Keio Univ.) TBA
R.Chang(Academia Science, Taipei) Hamiltonian SU(2) and SO(3) actions
G. Dito(Bourgogne) Deformation quantization on a Hilbert space
B.Fedosov(Potsdam) (1) Deformation quantizqtion: pro and contra
(2) On index theorem for symplectic orbifolds
J. Grant(Univ. Aberdeen) Symmetries and Moduli Spaces of the Self-Dual Yang-Mills Equations
G. Landi(Trieste) sigma-model instantons in noncommutative geometry
J. Madore(Paris Sud, Orsay) TBA
N.K. Ho(National Cheng-Kung Univ.) Connected components of surface group representations
P. Polesello (Padova) Algebroids of WKB-differential operators on symplectic involutive manifolds
H. Steinacker (Munchen) Quantized Gauge theory on the fuzzy sphere as random matrix model
S.Waldmann(Freiburg) Strong Picard groups of deformed *-algebras.
H. Fuji(KEK) Nonperturbative Aspects of Gauge Theories via Matrix Models
M. Hamanaka(Nagoya Univ.) Noncommutative Solitons and Integrable systems
K. Hashimoto(Univ. Tokyo) The shape of nonabelian D-branes
S. Iso(KEK) Matrix models and Noncommutative geometry
K. Ito(Titech) N=2 Supersymmetric U(1) Gauge Theory in Noncommutative Harmonic Superspace
Y. Kimura(KEK) Higher dimensional spherical D-branes and matrix model
K. Ono(Hokkaido Univ.) Filtered A_{\infty}-algebras associated to Lagrangian submanifolds
A. Sako(Keio Univ.) Noncommutative Cohomological Field Theories and Topological Aspects of Matrix Models
S. Watamura(Tohoku Univ.) Fuzzy CPn and Line Bundle

For further information refer to URL
http://www.math.hc.keio.ac.jp/coe/ncgp2004.htm

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