Workshop on K-Theory and Its Applications
– Okayama University 2005 –

PROGRAM

Place G : Graduate School of Natural Science and Technology
F : Faculty of Environmental Science and Technology

November 28 (Monday)

Chairman: Masayuki Yamasaki (Okayama Univ. Sci.)
10:00 (G, Lecture Room 2) Agnieszka Borowiecka (Adam Mickiewicz Univ.)
11:10 (G, Lecture Room 2) Masaharu Morimoto (Okayama Univ.)

Chairman: Toshio Sumi (Kyushu Univ.)
14:00 (F, Lecture Room 202) Johan Dupont (Aarhus Univ.)
15:30 (F, Lecture Room 202) Ikumitsu Nagasaki (Osaka Univ.)

November 29 (Tuesday)

Chairman: Mikiya Masuda (Osaka City Univ.)
10:00 (G, Lecture Room 2) Taras Panov (Moscow State Univ.)
11:10 (G, Lecture Room 2) Megumi Harada (Univ. Toronto)

Chairman: Sören Illman (Univ. Helsinki)
13:30 (G, Lecture Room 2) Discussion on K-theory and its applications
14:00 (G, Lecture Room 2) Anthony Bak (Univ. Bielefeld)
15:30 (G, Lecture Room 2) Krzysztof Pawałowski (Adam Mickiewicz Univ.)

November 30 (Wednesday)

Chairman: Kazuhisa Shimakawa (Okayama Univ.)
10:00 (G, Lecture Room 2) Zhi Lü (Fudan Univ.)
11:10 (G, Lecture Room 2) XianMeng Ju (Okayama Univ.)
Title List

A. Borowiecka: SL(2, 5) has no smooth effective one fixed point action on $S^8$

M. Morimoto: Bracing rectangular frameworks and operations on matrices

J. Dupont: Prismatic sets in topology and differential geometry

I. Nagasaki: Isovariant maps from free $C_n$-spheres to representation spheres

T. Panov: K-theory and cobordisms of toric manifolds: an overview

M. Harada: The kernel of the Kirwan map for non-abelian symplectic quotients

A. Bak: A $K_2$-like presentation of all higher algebraic $K$-theory groups

K. Pawalowski: Application of $K$-theory in transformation groups

Z. Lü: Topology on graphs

X.M. Ju: Induction and restriction homomorphisms between Bak’s $S(\Gamma/\Lambda)$