

## Enreiso Meeting 2005

77th : 22 December, 2005 : W. Souma (Network Informatics Laboratories)  
" A trial to understand economy as a network "

76th : 21 December, 2005 : K. Oka (Hokkaido Univ.)  
" Polarization vortex and optical vortex--- toward the generation of achromatic optical vortex "

75th : 07 December, 2005 : S. Kawabata (AIST)  
"Macroscopic Quantum Phenomena in High-Tc Superconductor Josephson Junctions"

74th : 16 November, 2005 : A. Furusaki (RIKEN)  
" --- "

73th : 02 November, 2005 : R. Nozaki (Hokkaido Univ.)  
"Glass Transition of Supercooled Liquids - Universality in Complex Liquids and Life -"

72th : 14 October, 2005 : Y. Inoue (The University of Tokyo)  
"A multi-scale analysis on lipid bilayers to drug delivery systems"

71th : 05 October, 2005 : T. Ozawa (Hokkaido Univ.)  
"Exponential decay of standing wave solutions to nonlinear Schrodinger equations"

70th : 15 September, 2005 : K. Imura (RIKEN)  
"Topological currents in condensed-matter physics --- from the viewpoint of wave-packet dynamics"

69th : 12 September, 2005 : V. Gusev (University du Maine, Le Mans, France)  
"Classical and non-classical photo-acoustic, photo-thermal, and photo-thermo-acoustic phenomena and effects of surface topology"

68th : 31 August, 2005 : N. Momono (Hokkaido Univ.)  
"STM/STS study on 4x4 charge order in Bi2212"

67th : 27 July, 2005 : T. Ishimasa (Hokkaido Univ.)  
"New alloy systems of icosahedral quasicrystals"

66th : 21 July, 2005 : M. Takesada (Hokkaido Univ.)  
" --- "

65th : 01 July, 2005 : Sung Ho Salk (Korea Institute for Advance Study)  
"Understanding high Tc superconductivity based on spin-charge coupling"

64th : 27 June, 2005 : H. Shima (Hokkaido Univ.)

"Phase transition and critical phenomena in spaces of negative curvature"

63th : 22 June, 2005 : N. Kichiji (Hokkaido Univ. COE PD)  
"Network Topology for a Circulating Local Currency"

62th : 01 June, 2005 : J. Hayashi (Hokkaido Univ.)  
"CVD Synthesis of Multi-walled Carbon Nanotubes on/over Carbon Substrate"

61th : 16 May, 2005 : O. Matsuda (Hokkaido Univ.)  
"Generation and detection of picosecond acoustic phonon pulses by ultrashort light pulses"

60th : 11 May, 2005 : K. Yakubo (Hokkaido Univ.)  
"Critical Networks and Their Topologies"

59th : 27 April, 2005 : M. Oda (Hokkaido Univ.)  
"Vortices in high-Tc superconductors"

58th : 13 April, 2005 : Y. Furukawa (Hokkaido Univ.)  
"Quantum effects in nanoscale molecular magnets and topology"

57th : 23 March, 2005 : S. Shimada (Hokkaido Univ.)  
"Topology in immunity"

56th : 16 March, 2005 : M. Takayasu (Tokyo Inst. of Tech.)  
"Dynamics in Market"

55th : 11 March, 2005 : D. Mihailovic (Jozef Stefan Institute, Slovenia)  
"Dynamics of inhomogeneity in complex matter: a study on the femtosecond timescale"

54th : 07-10 March, 2005 : TOP2005 The 1st International Conference on Topological Science and Technology "Topology in Ordered Phases"

53th : 28 Feb, 2005 : M. Yamanaka (Nihon Univ.)  
"Four color problem and topological orbital ordering"

52th : 23 Feb, 2005 : E. Haga (Hokkaido Univ.)  
"Collective Movement of Epithelial Cells on a Gel Substrate"

51th : 16 Feb, 2005 : T. Akiyama (Hokkaido Univ.)  
"Design of Ecological Industrial Complex"

50th : 7 Feb, 2005 : S-K. Lee (Pohang University of Science and Technology)  
"Superconductivity of MgB<sub>2</sub>"

9th : 2 Feb, 2005 : K. Kawabata (Hokkaido Univ.)

"Hierarchical Dynamics of Biological Systems"

48th : 31 Jan, 2005 : M. Kumagai (NTT)

"Research on Artificial Material Design"

47th : 27 Jan, 2005 : S. Tanimura (Osaka City Univ.)

"Mechanics Gauge Theory and Holonomic Quantum Computer"

46th : 26 Jan, 2005 : K. Ichimura (Hokkaido Univ.)

"STM/STS on low dimensional conductors"

45th : 24 Jan, 2005 : K. Yoshikawa (Kyoto Univ.)

"Nano Structures of DNA"

44th : 19 Jan, 2005 : K. Tenya (Hokkaido Univ.)

"Unconventional Superconductivity and Topology"

43th : 17 Jan, 2005 : K. Shirahama (Keio Univ.)

"He<sup>3</sup> in nano structures"