

List of recent invited talks by Prof. H. Kamimura since 2003

- 1) *Past, Present and Future in the Scientific Cooperation between Tokyo University of Science and Université Louis Pasteur*
Summary talk at the Tokyo University of Science - Université Louis Pasteur Symposium 2003: "Materials and Life Sciences", June 5-6, 2003 at Tokyo University of Science, Kagurazaka
Proceedings of this symposium was published in "Bulletin de la Société Franco-Japonaise des Sciences pures et appliqués vol. 60 (2003) p.21-63
- 2) *Theory of Copper Oxide Superconductors*
JSP-Hokkaido Branch Lecture Meeting, June 11, 2003, Hokkaido University
- 3) *Study on the Mechanism of Proton Conduction in Zero-dimensional Hydrogen-Bonded Crystals*
10th Hopping and Related Phenomena Conference, September 1 to 4, 2003, International Centre for Theoretical Physics, Trieste, Italy
- 4) *Theory of Copper Oxide Superconductors*
Kyoto University Lecture Meeting, November 11, 2003, Kyoto University
- 5) *The role of Proton Hopping in the insulator-superionic conductor transition in the hydrogen-bonded systems*
Conference on Dynamical Energy Landscapes and Functional Systems, March 28-April 1, 2004, Santa Fe, USA
- 6) *D-wave pairing mechanism due to the interplay of electron-phonon interaction and antiferromagnetic ordering*
April 2-3, 2004, Sant Fe, USA
- 7) *Theory of superionic conduction in hydrogen-bonded systems*
11th Workshop on Advanced Heterostructure, December 5-10,2004, Hapuna Beach Prince Hotel, Kohala Coast, Hawaii Island
- 8) *Novel Approach to the Metallic State of Superconducting Cuprates and d-Wave Pairing Mechanism*
Special Symposium on Theoretical and Experimental Condensed Matter Sciences March 26, 2005, Dept. of Physics, University of California at Berkeley, USA
- 9) *Mechanism of Superionic Conduction in Hydrogen-Bonded Materials*
Colloquium for computational materials- and life-science in Tsukuba University, February 18, 2005, Tsukuba University
- 10) *Mechanism of Superionic Conduction in Hydrogen-Bonded Materials*
Seminar in RIKEN (Institute of Physical and Chemical Research), April 28,2005, RIKEN
- 11) *Theory of Superionic Conduction in Hydrogen-bonded Systems*
Lecture in Ioffe Institute, St. Petersburg, Russia, June 24, 2005

- 12) *Theory of Impurity Bands in Doped Semiconductors*
Lecture in Ioffe Institute, St. Petersburg, Russia, June 27, 2005
- 13) *Theory of Copper Oxide Superconductors*
Lecture in Ioffe Institute, St. Petersburg, Russia, June 28, 2005
- 14) *Ferroelasticity and the proton-induced superionic conduction: Theory*
JPS Symposium on Recent developments in and around physics
of superionic conductors, September 21, 2005,
Autumn Meeting of Physical Society of Japan, Doshisha University
- 15) *Theory of Copper Oxide Superconductor*
International Workshop on “Electron State and Lattice Effects in Cuprate High
Temperature Superconductors, October 27-28, 2005, AIST, Tsukuba