

2005 (Oct 2004 – Sep 2005)

BL3a: PES 4 articles

1. Nakajima, H., Pukird, S., Saitoh, T., Kakizaki, A. and Ishii, T. "Surface Energy Bands of p(1 x 1) Cr(100) and P(1 x 1) O/Cr(100)" *Journal of Electron Spectroscopy and Related Phenomena* 144-7 (Feb 2005): 409-412.
2. Songsiriritthigul, P., Nakajima, H., Wongkokua, W., Kantee, S., Kakizaki, A., Pairsuwan, W. and Ishii, T. "The Final State Interaction in 3p-3d Resonance Excitation of Ni(111)" *Journal of Electron Spectroscopy and Related Phenomena* 144-7 (Mar 2005): 569-572.
3. Surabun, W., Nakajima, H., Kakizaki, A. and Ishii, T. "Angle-Resolved Photoemission Spectroscopy Measurements on (1 x 1) and (5 x 1) Pt(100)" *Journal of Electron Spectroscopy and Related Phenomena* 44-7 (Feb 2005): 613-616.
4. Worayingyong, A., Niltharach, A. and Poo-arporn, Y. "A Comparative Study of Toluene Catalytic Oxidation over Cerium/TiO₂ (anatase) and Vanadium/TiO₂ (anatase) Catalysts" *Science Asia: Journal of Science Society of Thailand* 30 (Dec 2004): 341-349.

Others 3 articles

1. Limpijumnong, S., Li, X., Wei, S-H. and Zhang, S.B. "Substitutional Diatomic Molecules NO, NC, CO, N₂, and O₂: Their Vibrational Frequencies and Effects on p Doping of ZnO" *Applied Physics Letters* 86 (May 2005): 211910.
2. Limpijumnong, S. and Zhang, S.B. "Resolving Hydrogen Binding Sites by Pressure –A First-Principles Prediction for ZnO" *Applied Physics Letters* 86 (Apr 2005): 151910.
3. Smith, M. F. "Low-*T* Phononic Thermal Conductivity in Superconductors with Line Nodes" *Physical Review B* 72.5 (Aug 2005): 052511-4.

Facility 1 articles

1. Jearanaikoon, S. and Braham-Peskir, J.V. "An X-ray Microscopy Perspective on the Effect of Glutaraldehyde Fixation on Cells" *Journal of Microscopy* 218.2 (May 2005): 185-192.

Instrumentation 1 article

1. Rugmai, S. "Effects of High Field Permanent Magnet Insertion Device on the Siam Photon Source Storage Ring" *Science Asia: Journal of Science Society of Thailand* 31.2 (Jun 2005): 159-165.

2003 (Oct 2002 – Sep 2003)

Facility 2 articles

1. Pairsuwan, W. and Ishii, T. "Status of the Siam Photon Source" *Nuclear Instruments and Methods in Physics Research B* 199 (Jan 2003): 546-549.
2. Songsiriritthigul, P., Pairsuwan, W., Ishii, T. and Kakizaki, A. "Beamline at Siam Photon Laboratory" *Nuclear Instruments and Methods in Physics Research B* 199 (Jan 2003): 565-568.

SR Related 1 article

1. Poonperm, B., Guerra, D.G., McNae, I.W., Fothergill-Gilmore, L.A. and Walkinshaw, M.D. "Expression, Purification, Crystallization and Preliminary Crystallographic Analysis of *Leishmania Mexicana* Phosphoglycerate Mutase" *Acta Crystallographica D Biological Crystallography* 59.7 (Jul 2003): 1313-1316.

Instrumentation 1 article

1. Apiwatwaja, R., Hoyes, G., Isoyama, G., Ishii, T. and Pairsuwan, W. "Control System for Siam Photon Source" *Nuclear Instruments and Methods in Physics Research B* 199 (Jan 2003): 517-519.

2002 (Oct 2001 – Sep 2002)

Instrumentation 1 article

1. Harita, B., Sugawara, M., Ishii, T., Pairsuwan, W. and Hass, K. "Phase Space Study of the Synchrotron Oscillation and Radiation Damping of the Longitudinal and Transverse Oscillations" *Science Asia: Journal of Science Society of Thailand* 28.4 (Apr 2002): 393-400.

Facility 1 article

1. Songsiriritthigul, P., Pairsuwan, W., Ishii, T. and Kakizaki, A. "Photoemission Beamline at the Siam Photon Laboratory" *Surface Review and Letters* 8.5 (Oct 2001): 497-500.

2001 (Oct 2000 – Sep 2001)

Facility 1 article

1. Pairsuwan, W., Songsiriritthigul, P., Sugawara, M., Isoyama, G. and Ishii, T. "Present Status of the Siam Photon Laboratory" *Nuclear Instruments and Methods in Physics Research A* 467-8 (Jul 2001): 51-54.

Instrumentation 2 articles

1. Hass, K. and Ishii, T. "Optimization of a 118 MHz Resonant Cavity Shape for Damping of Higher Order Modes by SiC Material" *Japanese Journal of Applied Physics* 40.4A (Apr 2001): 2566-2569.
2. Songsiriritthigul, P., Sombunchoo, P., Sekhar, B.N. Raja, Pairsuwan, W., Ishii, T. and Kakizaki, A. "Comparison of Varied Line-Spacing Plane Grating and Vailed Line Spacing Spherical Grating Monochromators for the Siam Photon Source" *Nuclear Instruments and Methods in Physics Research A* 467-8 (Jul 2001): 593-596.

1998

Instrumentation 3 articles

1. Izawa, M., Koseki, T., Tokumoto, S., Kamiya, Y., Sakanaka, S., Takahashi, T. and Hass, K. "Installation of New Damped Cavities at the Photon Factory Storage Ring" *Journal of Synchrotron Radiation* 5 (May 1998): 369-371.
2. Kengkan, P., Pairsuwan, W., Isoyama, G., Yamakawa, T. and Ishii, T. "Magnet Lattice for the Siam Photon Source" *Journal of Synchrotron Radiation* 5 (May 1998): 384-350. (IF-2009 = 1.994)
3. Pairsuwan, W. and Ishii, T. "The Siam Photon Laboratory" *Journal of Synchrotron Radiation* 5 (May 1998): 1173-1175.

