

## 2007=2550 (Oct 2006 – Sep 2007)

### BL3Ua: PES 1 article

1. Khonton, S., Shigeki, M., Yusuke, A. and Yasutake, O. "Luminescence Characteristics of Te- and Bi-Doped Glasses and Glass-Ceramics" *Journal of the Ceramic Society of Japan* 115 (Feb 2007): 259-263.

### Others 7 articles

1. Boonchun, A., Smith, M.F., Cherdhirunkorn, D. and Limpijumng, S. "First Principles Study of Mn Impurities in  $\text{PbTiO}_3$  and  $\text{PbZrO}_3$ " *Journal of Applied Physics* 101 (Feb 2007): 043521.
2. Kamenev, K.V., Sanchez-Benitez, J. and Tancharakorn, S. "Miniature Diamond Anvil Cell for  $^3\text{He}$  Insert into Quantum Design Physical Property Measurement System" *High Pressure Research* 27.1 (Apr 2007): 189-192.
3. Kulkarni, A J, Sarasamak, K., Limpijumng, S. and Zhou, M. "Characterization of Novel Pseudoelastic Behaviour of Zinc Oxide Nanowires" *Philosophical Magazine* 87.14-15 (Jun 2007): 2117-2134.
4. Limpijumng, S., Rujirawat, S., Boonchun, A., Smith, M.F. and Cherdhirunkorn, D. "Identification of Mn Site in  $\text{Pb}(\text{Zr,Ti})\text{O}_3$  by Synchrotron X-ray Absorption Near-edge Structure: Theory and Experiment" *Applied Physics Letters* 90 (Mar 2007): 103113.
5. Pattanasiriwisawa. W., Sugiyama, H., Maksimenko, A., Ando, M. and Ishii, T. "X-ray Imaging with a Wedge-Shaped Crystal Analyzer" *ScienceAsia: Journal of Science Society of Thailand* 33.1 (Mar 2007): 103-111.
6. Pooarporn, Y., Worayingyong, A., Worner, M., Songsiriritthigul, P. and Braun, A.M. "A Comparative Study of Doped and Un-doped Sol-gel  $\text{TiO}_2$  and P25  $\text{TiO}_2$  (photo) Electrodes" *Water Science & Technology* 55.12 (Sep 2007): 153-160.
7. Smith, M. F. "Small-Angle Interband Scattering as the Origin of the  $T^{3/2}$  Resistivity in  $\text{MnSi}$ " *Physical Review B* 74 (2006): 172403.

### SR Related 1 article

1. Limpijumng, S., Smith, M. F. and Zhang, S.B. "Characterization of As-doped, P-type ZnO by X-ray Absorption Near-Edge Structure Spectroscopy: Theory" *Applied Physics Letters* 89 (Dec 2006): 222113.

### BL8: XAS 1 article

1. Suksabye, P., Thiravetyan, P., Nakbanpote, W. and Chayabutra, S. "Chromium Removal from Electroplating Wastewater by Coir Pith" *Journal Hazardous Materials* 141.3 (Mar 2007): 637-644.