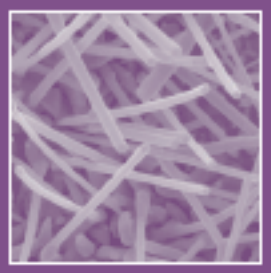
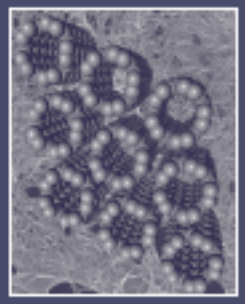
National Synchrotron Light Source

Activity Report 2005

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Publications
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Materials Science

Effect of Interfacial Bonds on Morphological Instability of Slightly Lattice Mismatched Epitaxial Thin Films

J.H. Li, D.W. Stokes, O. Caha, S.L. Ammu, J. Bai, K.E. Bassler, and S.C. Moss

Perovskite Thin Films Under Strain

F. He, B.O. Wells, and S.M. Shapiro

Epitaxial Tilting of GaN Grown on Vicinal Surfaces of Sapphire

X.R. Huang, J. Bai, M. Dudley, R.D. Dupuis, and U. Chowdhury

Mediator-Template Assembly of Nanoparticles

M.M. Maye, I-I.S. Lim, J. Luo, Z. Rab, D. Rabinovich, T. Liu, and C.-J. Zhong

Time-Resolved Morphology Development of Tri-axial Reinforced Epoxy Montmorillonites Nanocomposites in Uni-Axial Magnetic Fields

H. Koerner, E. Hampton, D. Dean, Z. Turgut, L. Drummy, P. Mirau, and R.Vaia

Resonant X-ray Scattering from a Magnetic Multilayer Reflection Grating

L.-A. Michez, C.H. Marrows, P. Steadman, B.J. Hickey, D.A. Arena, J. Dvorak, H.-L. Zhang, D.G. Bucknall, and S. Langridge