

**ALS-MES BEAMLINE 11.0.2 PUBLICATIONS**  
**16 August 2004**

**PUBLISHED**

D. Gerion, N. Zaitseva, C. Saw, M. F. Casula, S. Fakra, T. Van Buuren, and G. Galli, "Solution Synthesis of Germanium Nanocrystals: Success and Open Challenges," *Nano Letters* **4**, 597-602 (2004).

C. S. Chan, G. De Stasio, S. A. Welch, M. Girasole, B. H. Frazer, M. V. Nesterova, S. Fakra, J. F. Banfield, "Microbial Polysaccharides Template Assembly of Nanocrystal Fibers," *Science* **303**, 1656-1658 (2004).

A. L. D. Kilcoyne, T. Tyliszczak, W. F. Steele, S. Fakra, P. Hitchcock, K. Franck, E. Anderson, B. Harteneck, E. G. Rightor, G. E. Mitchell, A. P. Hitchcock, L. Yang, T. Warwick, and H. Ade, "Interferometer Controlled Scanning Transmission X-ray Microscopes at the Advanced Light Source," *J. Synchrotron Rad.* **10**, 125 (2003). LBNL-51397

T. Warwick, N. Andresen, J. Comins, P. J. McKean, D. K. Shuh, T. Stevens, and T. Tyliszczak, "New Implementation of an SX700 Undulator Beamline at the Advanced Light Source," *Synchrotron Radiation Instrumentation 2003*, AIP Conference Proceedings 705, 458-461 (2004). LBNL-54352.

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## **SUBMITTED**

T. H. Yoon, S. B. Johnson, C. S. Doyle, K. Benzerara, T. Tyliszczak, D. K. Shuh, and G. E. Brown, Jr., "In-situ Characterization of Nanometer-sized Al-containing Particles Using Aluminum K-edge Soft X-ray Spectromicroscopy," submitted to Langmuir May (2004).

G. De Stasio, D. Rajesh, M. J. Daniels, R. J. Erhardt, B. H. Frazer, T. Tyliszczak, Robert L. Conhaim, S. P. Howard, J. F. Fowler, and M. P. Mehta, "Critical Re-evaluation of Gadolinium Neutron Capture Therapy (GdNCT) as an Adjunctive Boost to Radiotherapy," submitted to Intl. J. Rad. Oncol. Biol. Phys., May (2004).

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B. D. Harteneck, D. L. Olynick, E. Veklerov, M. Tendulkar, J. A. Liddle, A. L. D. Kilcoyne, and T. Tyliszczak "25 nm Mechanically Buttressed High Aspect Ratio Zone Plate Fabrication and Performance," in preparation for SPIE/IEEE, May (2004).