

JIN Presentations

- 1) Poster at the PNWAVS meeting in Vancouver in September 2002; Schimdt, D., Adams, J., Bostwick, A., Chambers, S., and Olmstead, M., Physics, UW and PNNL
“Electronic Structure of Thin Film Anstase TiO₂: A Candidate Spintronics Material”
- 2) AVS in SF 2001. The title of the talk was "MOCVD of ZnO-based Dilute Magnetic Semiconductors." Authors should include the following:
 - Allan Tuan
 - Suntharampillai Thevuthasan
 - Dave McCready
 - Daniel Gaspar
 - J. W. Rogers, Jr.
 - Scott A. Chambers
- 3) Chambers SA, TC Droubay, AC Tuan, and RF Farrow. 2002. "Epitaxial Growth and Properties of Co-Doped TiO₂ Anatase on Si(001)." Presented by Scott A. Chambers at Materials Research Society Meeting, Boston, MA on December 3, 2002.
- 4) Chambers SA, TC Droubay, AC Tuan, C Wang, SM Heald, T Thevuthasan, RF Farrow, J Thiele, RF Marks, M Toney, and A Chattopadhyay. 2002. "Co-doped TiO₂ Anatase - A New Candidate DMS for Spintronics." Presented by Scott A. Chambers at DARPA Spintronics Workshop 2002, Delray Beach, FL on October 1, 2002.
- 5) Droubay TC, AC Tuan, and SA Chambers. 2002. "CoxTi_{1-x}O₂ Anatase Heteroepitaxy on Si(001)." Presented by Timothy Droubay at 49th International American Vacuum Society Symposium, Denver, CO on November 5, 2002.
- 6) Tuan AC, TC Droubay, JW Rogers, and SA Chambers. 2002. "MOCVD Growth of CoxZn_{1-x}O on R-plane Sapphire: Structure, Composition, and Magnetic Properties." Presented by Allan Tuan at 49th International American Vacuum Society Symposium, Denver, CO on November 6, 2002.
- 7) Kohler N, Zhang Y, Zhang M. Characterization of methotrexate modified superparamagnetic nanoparticles and their uptake into human chronic myelogenous leukemia cells. 2003 Nanotech Conference and Tradeshow, San Francisco, CA, February 23-27, 2003. (Submitted September, 2002)
- 8) Kohler N, Zhang Y, Zhang M. Synthesis of methotrexate modified superparamagnetic nanoparticles and their uptake into Breast Cancer Cells. MRS Fall Meeting, Boston, MA. December 2-6, 2002.

- 9) Kohler N, Zhang Y, Busche B, Zhang M. Superparamagnetic Nanoparticles for Imaging. International Symposium on Optical Science and Technology. SPIE Annual Meeting, July 2002.
- 10) Gwen M. Gross, David A. Nelson, Jay W. Grate, Robert E. Synovec, 26th International Symposium on Capillary Chromatography and Electrophoresis in May 2003, Las Vegas NV; "Monolayer Protected Gold Nanoparticles as a Chromatographic Stationary Phase for Open Tubular Gas Chromatography"
- 11) Gwen M. Gross, David A. Nelson, Jay W. Grate, Robert E. Synovec, "Electrophoretic deposition of oxide nanorods inside pores of template from sols," 1st International conference on electrophoretic deposition, Banff, Canada, Aug. 18-22, 2002.
- 12) Gwen M. Gross, David A. Nelson, Jay W. Grate, Robert E. Synovec, "Template-based growth of oxide nanorods by sol electrophoresis," 42nd International conference on advanced ceramics, Osaka, Japan, Jan. 21-23, 2002.
- 13) Michelle S. Liu, Xuezhong Jiang, Petra Herguth, Sen Liu, Alex K.-Y. Jen, "Development of Efficient Electron-Transporting Polymers for Light-Emitting Diodes" Presented on SPIE meeting, 07/08-07/12, Seattle, 2002.