

THESES SUPERVISED

- T001 Ostyn, K.M., 1984, Ph.D. Thesis, (Cornell U.), "Interfaces and Related Solid-State Reactions in Oxides."
- T002 Morrissey, K.J., 1985, Ph.D. Thesis, (Cornell U.), "TEM Observations of γ -Al₂O₃, δ -Al₂O₃, θ -Al₂O₃, α -Al₂O₃, and β -Alumina."
- T003 Elgat, Z., 1985, Ph.D. Thesis, (Cornell U.), "Structure of Twin Boundaries in Ge and Spinel."
- T004 Chen, S.-H., 1985, Ph.D. Thesis, (Cornell U.), "Metal Reactions with Semiconductors in Ni-Si, Ni-GaAs Systems Studied by Transmission Electron Microscopy."
- T005 De Cooman, B.C., 1987, Ph.D. Thesis, (Cornell U.), "Contribution to the Study of Extended Defects in Gallium Arsenide and Related Compounds."
- T006 Simpson, Y.K., 1989, Ph.D. Thesis, (Cornell U.), "Grain Boundaries, Phase Boundaries and Reactions in Ceramic Oxides."
- T007 Susnitzky, D.W., 1989, Ph.D. Thesis, (Cornell U.), "Surfaces, Interfaces and Solid-State Reactions in Ceramic Materials."
- T008 Cho, N.-H., 1989, Ph.D. Thesis, (Cornell U.), "Planar Defects in Gallium Arsenide."
- T009 Rasmussen, D.R., 1990, Ph.D. Thesis, (Physics, H.C. Ørsted Institute, U. of Copenhagen, Denmark), "Simulation and Interpretation of Transmission Electron Microscope Images of Defects in Crystals."
- T010 Summerfelt, S.R., 1990, Ph.D. Thesis, (Cornell U.), "Precipitation of Nickel Ferrite in a Nickel Oxide Matrix."
- T011 Theodore, N.D., 1991, Ph.D. Thesis, (Cornell U.), "A Contribution to the Study of Extended-Defects in Semiconductors."
- T012 Tietz, L.A., 1991, Ph.D. Thesis, (Cornell U.), "Transmission Electron Microscopy Studies of Nucleation, Growth and Interfaces in Ceramic Heterojunctions."
- T013 Zhu, G.J., 1991, Ph.D. Thesis, (Cornell U.), "Growth and Structural Characterization of Novel Semiconductor Heterostructures."
- T014 Scarfone, C., 1991, MS. Thesis, (Cornell U.), "Formation and Characterization of Ferroelectric Thin-Films Deposited by Pulsed-Laser Ablation."
- T015 Anderson, I.M., 1993, Ph.D. Thesis, (Cornell U.), "Nickel-Titanate Spinel: A Nonstoichiometric Compound with a Narrow Range of Homogeneity and An Equilibrium Nanometer-Scale Two-Phase Microstructure."
- T016 Mallamaci, M., 1994, Ph.D. Thesis, (Cornell U.), "Interfaces Between Alumina and Silicate-Glass Films."
- T017 Kotula, P.G., 1995, Ph.D. Thesis, (U of MN), "Interfacial Reactions and Kinetics in the Alumina Nickel Oxide System."
- T018 Ramamurthy, S., July 1996, Ph.D. Thesis, (U of MN), "Amorphous-Crystalline Interfaces in Oxide-Ceramics."
- T019 Heffelfinger, J.R., Jan. 1997, Ph.D. Thesis, (U of MN), "Ceramic Surfaces and Solid-State Reactions."
- T020 Johnson, M.T., Sept. 1998, Ph.D. Thesis, (U of MN), "Oxide Thin Films: Epitaxy, Reactions and Interfaces."

- T021 Cohen, D., March 1999, Ph.D. Thesis, (U of MN), "A Study of Planar Defects in Gallium Phosphide."
- T022 Zagrebelny, A.N., October 2000, Ph.D. Thesis, (U of MN), "Micromechanical Properties of Silicate-Glass Intergranular Films in Alumina Ceramics."
- T023 Blanford, C.F., November 2000, Ph.D. Thesis, (U of MN), "Synthesis and Electron Microscopy of Inorganic and Hybrid Organic-Inorganic Mesoporous and Macroporous Materials."
- T024 Yanina, S.V., September 2001, Ph.D. Thesis, (U of MN), "Surface Studies of Ceramic Materials."
- T025 Gilliss, S.R., April 2004, Ph.D. Thesis, (U of MN), "Ceramic Oxides: Surfaces and Amorphous/Crystalline Interfaces"
- T026 Perrey, C.R., June 2004, Thesis, (U of MN), "Characterizing Nanoparticles"
- T027 Farrer, J.K., August 2004, Thesis, (U of MN), "The Application of Electron Diffraction to the Study of Surfaces and Interfaces in Ceramic Materials"