

Graduate Students Supervised

Ph.D. Dissertations

Student	Dissertation Title	Graduation Date
Brian D. Joyce	Deformation and Recrystallization Behavior of Coarse Grain Beta Titanium	December 2004
Balakrishna Cherukuri	Processing of Boron Modified Beta Titanium Alloys	December 2008
Craig Riviello	Transformation Kinetics and Diffusion Mechanisms of Boron in Discontinuously Reinforced Titanium Matrix Composites	ABD
Gregory Loughnane	Quantifying the Effects of Uncertainties on the Accuracy of 3D Microstructure Characterization	Switched advisor

Masters Theses

Student	Thesis Title	Graduation Date
V. Ramnarayan	Computer Simulation and Process Modeling of IN-718 Forging	August 1990
S.S. Lanka	Design of Intermediate Die Shapes in Closed Die Forging Process	December 1991
B. Cockeram	Investigation of Cast and Deformed Nb ₁₀ a/o Si In Situ Composite	December 1991
J. Liu	High Temperature Deformation and Recrystallization of Titanium alloys	December 1991
M. Thirukkonda	High Temperature Deformation and Mechanical Behavior of Nb-Si In-situ composites	December 1993
E. Tuval	Isothermal Deformation of Ti(46-47)a/oAl ₂ a/oNb ₂ a/oCr	June 1994
U. Deshpande	Thermomechanical Processing of the Ti-45.5Al-2Cr-2Nb Alloy	December 1994
J.P. Singh	Isothermal Deformation and Modeling of Ti-(46-48)Al-2Cr-2Nb	March 1996
B. Mohan	Non-isothermal Deformation of Gamma Titanium Aluminide	August 1997
J. Finch	Fracture Behavior of a Si ₃ N ₄ -BN Fibrous Monolith Ceramic	August 1998
J. J. Sun	Finishing of Hard Passive Alloy Surface by MREF-ECM Based Process	December 1998
S. Medeiros	Models for Microstructure Development During Hot Deformation of Superalloy 718	December 1998
W. Yan	Isothermal and Non-Isothermal Deformation of Gamma Titanium Aluminide	August 1999
G. Puttaswamigowda	Paper Abrasiveness Testing Methods and Applications	December 2000
J. Snyder	Effect of Rare Earth Metal Additions on E71T-1 Flux-Cored Arc Welding Consumables	December 2000
S. Indrakanti	Flow Behavior of AA 6061 processed by Equal Channel Angular Pressing (ECAP)	December 2003
Y. Bhambri	Microstructural Evolution of AA6061 Subjected to Severe	December 2003

	Plastic Deformation	
N. Yust	Textured Copper Metallic Substrates for Second Generation High Temperature Superconductors	December 2003
R. Narayan	Development of a Commercial Testing Method to Test Abrasiveness of Sheet Material	March 2004
B. Cherukuri	Multi Axial Compression/Forging (MAC/F) of AA 6061	August 2004
L. Gullapalli	Comfort Index Testing of Garment Tags and Labels	December 2004
M. Bennett	Processing and Property Improvements in Rolled Plates and Sheets of Ti-6Al-4V+0.1 wt%B	December 2006
D. Sweeney	Oxidation Behavior of Ti-6Al-4V-0.1B	March 2008
C. Holycross	A Critical Assessment of High Cycle Bending Fatigue Behavior of Boron Modified Ti-6Al-4V	August 2010
Vamsi Vempati	A comparison of the deformation behavior of cast titanium alloys before and after HIP	August 2012