

	<b>Dissertation Title</b>	<b>Ph.D. Student</b>	<b>University</b>	<b>Year</b>
1	Interferometric Surface Texture Measurement in the Presence of Error Sources	Erik J. Salisbury	MTU	1995
2	Vibration Abatement in a Turning Process via Application of an Activity Controlled Tool Holder	Dongming Liu	MTU	1998
3	Analysis and Modeling of Angular Errors in Precision Sliding Motion with Application to Machine Tools	Cecil M. Daniel	MTU	1998
4	A Continuum Mechanics Model for Orthogonal Cutting	Yuliu Zheng	MTU	1998
5	An Analytical and Experimental Investigation into Chip Morphology in Orthogonal Machining	Steve Batzer	MTU	1998
6	Modeling of the Thread Tapping Process: Chip Formation and Cutting Fluid Lubrication	Tengyun Cao	MTU	1998
7	A Comprehensive Model for the Dynamic Force System in Peripheral Milling Including the Effects of Flank Face Interference	Santosh Ranganath	MTU	1999
8	A Comprehensive Model for Cutting Fluid Mist Formation in Machining	Yan Yue	MTU	2000
9	Magnetostrictive Actuators to Achieve Dry Deep Hole Drilling of Aluminum	Aleksander Filipovic	MTU	2002
10	Modeling the Effect of Cutting Fluids in Peripheral Milling	Ge Shen	MTU	2003
11	Application of Input-Output Modeling to the Environmental Characterization and Improvement of Manufacturing Processes	Huanran Xue	MTU	2003
12	Inventory and Value Management in Demanufacturing Facilities	Kenneth L. Gunter	MTU	2004
13	Cutting Fluid Mist Formation and Behavior Mechanisms	Jichao Sun	MTU	2004
14	Adiabatic Shear Banding and Shear Localized Chip Formation	Jun Huang	MTU	2005
15	Development of Particulate Imaging Systems and Their Application in the Study of Cutting Fluid Mist Formation and Minimum Quantity Lubrication in Machining	Chuanxi Ju	MTU	2005
16	An Experimental and Analytical Study of the Effect of Material Microstructures on the Machinability of Al-Si Alloys	Xuefei Hu	MTU	2006
17	A Material Flow and Economic Exchange Model to Characterize the Impact of Vehicular Changes and Policies on the Automotive Recovery Infrastructure	Vishesh Kumar	MTU	2006
18	Development of Models for Environmental Performance Improvement of Steel Product Manufacturing	Karl R. Haapala	MTU	2008

19	Decentralized or Centralized Production: Impacts to the Environment, Industry, and the Economy	Abigail R. Clarke-Sather	MTU	2009
20	Framework, Indicators, and Techniques to Support Decision Making Related to Societal Sustainability	Margot J. Hutchins	MTU	2010
21	A Sustainability Study of Nanomaterials Including Societal and Occupational Implications	Julio L. Rivera	MTU	2011
22	Value Characterization Across the Life Cycle: A Model to Support Value Recovery from Used Wind Turbines	Katherine E. Ortegon	PU	2014
23	Size Optimization of a Biomass to Liquid Fuel Conversion Facility within a Biomass Supply Chain	Tim Jenkins	MTU	2014
24	Sustainable Value Recovery of Rare Earth Magnets: Economic and Environmental Strategies	Hongyue Jin	PU	2018
25	Product Design for Value Recovery in Support of Closing Material Loops	Liang Cong	PU	2018