

FALL 2007 ME GRADUATE STUDENT SEMINAR

Date	Name	Research Area/Title	Duration
9/07/2007	Igor Tsukrov, Todd Gross, Tracey Harvey, Brad Kinsey	Graduate Orientation	50 Mins
9/14/2007	Mike Borrelli	Closed-Loop Orbit Control for NASA Magnetic Multiscale (MMS) Mission	20 Mins
	Bryan Javorek	Average Cutting Force Estimation via Feed Drive Power Measurement	20 Mins
9/21/2007	Zack Hauptman	Qualification and Characterization of a Boundary Layer Wind Tunnel	20 Mins
	Chris Suprock	Machine Tool Dynamics & Sensor Application	20 Mins
9/28/2007	Prof. Rich O'Brien U.S. Naval Academy	A Comparison of the Extended Kalman and Extended H_∞ Filters for Industrial, Military, and Bio-Medical Applications	40 Mins
10/05/2007	Sunal Parasiz	Dependence of Deformation on Grain SIZE and SPECIMEN Size in Microextrusion	40 Mins
10/12/2007	FALL BREAK No Classes		
10/19/2007	Matt Derov	Improvement of Spatial Ability Using Innovative Tools: Development and Implementation of Alternative View Screen and Physical Model Rotator	40 Mins
10/26/2007	Mike Roux	Hydrogen Engine Research at Ford	30 Mins
11/02/2007	Faraz Mehdi	Rough Boundary Layers	40 Mins
11/09/2007	Greg Chini	Multiscale Analysis and Computation of Convection in the Ocean Surface Boundary Layer	40 Mins
11/16/2007	Mike Farrar	Comparative Analysis of Control Techniques for Satellite Formation Flying in and Earth Centered Circular Orbit	30 Mins
11/23/2007	THANKSGIVING No Classes		
11/30/2007	Dr. Frank Fischer	Current Issues in Polymer Nanocomposites	40 Mins
12/07/2007	Yunjun Cui	Tool Wear Monitoring Based on A Power Threshold Method	30 Mins

12/14/2007	Holiday Celebration Lunch		
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