

Department of Electrical and Computer Engineering
University of Rochester, Rochester, NY
Ph.D. Public Defense

Thursday, October 29, 2015

10:00AM

Hopeman Engineering Building, Room 224

**Shear Wave Imaging and Tissue Characterization
Using Vibration Elastographic Techniques
Alexander Partin**

Supervised by
Professor Kevin J. Parker

Abstract

Certain diseases produce changes in the elastic properties of soft tissues. Conventional imaging modalities in some cases have poor performance in diagnosing these types of diseases. To overcome this problem, elastographic imaging