Department of Biomedical Engineering and LABIB, LTH, invite to an open international symposium on

**Ultrasound Imaging and Therapy**

**09.00**  
**Ultrasound Therapy with Microbubbles and Medium Intensity Focused Ultrasound**  
Jeff Powers  
Principal Scientist, Philips Medical Systems, Bothell, WA, USA

**09.25**  
**Ultrasonic High Frame-Rate Cardiovascular Imaging**  
Hideyuki Hasegawa  
Professor, University of Toyama, Toyama, Japan

**09.50**  
**Advances in Vector Doppler imaging**  
Piero Tortoli  
Professor, University of Florence, Florence, Italy

**10.15**  
**Coffee break**

**10.45**  
**How Biomechanical Modeling can Contribute to the Development of new Cardiovascular Ultrasound Imaging Modalities**  
Abigail Swillens  
Assistant Professor, Ghent University, Ghent, Belgium

**11.10**  
**Audio Spectrum Analysis of Umbilical Artery Doppler Ultrasound Signals**  
Ann Thuring  
PhD, Obstetrics och Gynecology, Lund University, Sweden

**11.35**  
**Detection of human vulnerable carotid plaques using the average phase derivative of the ultrasound radio frequency data**  
Tobias Erlöv and Isabel Gonçalves  
PhD-student and Associate Professor, Biomedical Engineering and Experimental Cardiovascular Research, Lund University, Sweden

Segerfalksalen, BMC, Lund, 2015-06-05, 9.00-12.00  
Limited number of seats please registrate at http://doodle.com/34a9ve7ti6xxvp2

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