University of Washington
MATERIALS SCIENCE & ENGINEERING

Winter 2012 Seminar Series: MSE 520

Jan-09	**Prof. Eliot Fried** Mechanical Engineering University of Washington	***Stability of a Thin Elastic Film Close to a Rigid Plate***
Jan-16	**NO SEMINAR – HOLIDAY**	
Jan-23	**Dr. Shinji Yuasa, Director** Spintronics Research Center National Institute of Advanced Industrial Science and Technology (AIST), Japan	***Magnetoresistance and Spin-Transfer Torque in Magnetic Tunnel Junctions***
Jan-30	**Prof. John Rehr** Department of Physics University of Washington	***Probing Excited States of Materials with X-ray and Electron Spectra***
Feb-6	**Paul Wiggins** Department of Physics University of Washington	***The Dynamics of E. coli Ultra-structure***
Feb-13	**Dr. Dirk N. Weiss** Affiliate Prof., Electrical Engineering University of Washington Integrated Photovoltaics, Inc. San Jose, California	***Silicon Photovoltaics and Nanoimprinting***
Feb-20	**NO SEMINAR – HOLIDAY**	
Feb-27	**Masahiro Yamaguchi** 2012 IEEE Distinguished Lecturer Electrical and Communication Engineering Tohoku University, Japan	***Soft Magnetic Thin Film Applications at Radio Frequencies***
Mar-5	**Prof. Kai-Mei Fu** Department of Physics University of Washington	***Optical Coupling of Single Nitrogen-Vacancy Centers to Microcavities in Single Crystal Diamond***

SEMINAR TIME: 3:30-4:20pm
LOCATION: 153 Mueller Hall

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