

ISAF-PFM-2011

Short Courses Schedule

The Westin Bayshore Hotel, Vancouver, B.C.
Sunday, July 24, 2011, 8:30AM–6:00 PM, Cypress Room

	Instructor	Courses
8:30 - 10:00	Dr. Susan Trolier-McKinstry Penn State University	Fundamentals of Piezo-/Ferroelectrics
10:00 - 10:15	Morning Break	
10:15 - 11:45	Dr. Paul Reynolds Weidlinger Associates, Inc.	Finite Element Modelling of Piezoelectric Devices
11:45 - 13:00	Lunch/PFM Demos	
13:00 - 14:30	Dr. Alexei Gruverman University of Nebraska-Lincoln	Introduction to PFM
14:30 - 14:45	Afternoon Break I/PFM Demos	
14:45 - 16:15	Dr. Arthur P. Baddorf Oak Ridge National Laboratory	Topological Size Effects in Electron Transport through Ferroelectric Surfaces
16:15 - 16:30	Afternoon Break II/PFM Demos	
16:30 - 18:00	Dr. Sergei V. Kalinin Oak Ridge National Laboratory	Novel Dynamics mode of Piezoresponse Force and Electrochemical Strain Microscopy