

Time	Presenting Author	Institution	Title
<b>Monday: 8:15 AM to 5:00 PM</b>			
8:15	T. Ulrich	Los Alamos National Laboratory	Welcome and Introduction
8:30	R. Guyer	LANL / UNR	Preisach space 30 years later
9:15	J. Bittner	Michigan Technological University	A Theory for Slow Dynamics: Mechanistic Diffusion Model
10:00	--		<i>Break</i>
10:30	J. Yoritomo	U.S. Naval Research Lab	Slow dynamics in simplified systems
11:15	R. Weaver	University of Illinois	Slow Dynamics in a Single Bead with Mechanical Conditioning and Transient Heating
12:00	--		<i>Lunch</i>
1:30	L. Jacobs	Georgia Institute of Technology	Use of a non-collinear wave mixing technique to image internal microscale damage in concrete
2:15	K.-Y. Jhang	Hanyang University	Measurement of third-order ultrasonic nonlinearity parameter using pulse-echo method for material assessment
3:00	--		<i>Break</i>
3:30	R. El Guerjouma	Laboratoire d'Acoustique de l'Université du Mans	Nonlinear acoustic resonance spectroscopy for the Non-destructive testing of a flax fibre polymer matrix composite and public lighting mast
4:15	E. Rougier	LANL	Finite-Discrete Element Modeling for Physical Acoustics
<b>Tuesday: 8:15 AM to 5:00 PM</b>			
8:15	P. Johnson	LANL	Introduction to Memorial Session for Thomas J. Shankland
8:30	L. Ostrovsky	University of Colorado	Theory of slow relaxation in the upper crust after strong earthquakes
9:15	H. Lisabeth	LBNL	Stress-dependence of nonlinear seismic response in fractured rock
10:00	--		<i>Break</i>
10:30	Y. Gao	Pennsylvania State University	Nonlinear Elastic Properties of Granular Media: The Effect of Relative Humidity and Grain Shape
11:15	M. Osika	AGH University of Science and Technology	Nonlinear Modes of Shear Horizontal Guided Waves
12:00	--		<i>Lunch</i>
1:30	Z. Lu	University of Mississippi	Linear and nonlinear acoustic behaviors of soils and their explorations
2:15	W. Domanski	Military University of Technology	Weakly nonlinear plane waves in anisotropic elastic materials
3:00	--		<i>Break</i>
3:30	L. Duranti	Chevron CTC	Developments on Dynamic Mechanical Poroelasticity
4:15	F. Akhmedzhanov	Inst. Of Ion-Plasma and Laser Technologies, Academy of Sciences	Acoustic Grüneisen Tensor in Cubic Crystals

<b>Wednesday: 8:30 AM to 5:00 PM</b>			Discussions (small rooms available), Independent free time, Dinner at Mille in Santa Fe (6:30 PM)
<b>Thursday: 8:15 AM to 2:30 PM</b>			
8:15	J. TenCate	LANL	Brief Introduction to Physical Acoustics at LANL
8:30	K. Van Den Abeele	KU Leuven	Stiffness, strain and damage characterization using the Ultrasonic Polar Scan
9:15	P. Geimer	LANL	Application of white-noise excitation for nonlinear resonant ultrasound spectroscopy
10:00	--		<i>Break</i>
10:30	A. Orta	KU Leuven	Identification of homogenized orthotropic viscoelastic tensor by means of 3D guided wavefield data
11:15	L. Pieczonka	AGH University of Science and Technology	Full-field damage imaging with guided ultrasonic waves
12:00	--		<i>Lunch</i>
1:00	B. Musico	LANL	Resonant Ultrasound Spectroscopy to Explore Optomechanical Effects
1:45	M. Hayne	LANL	Error in RUS measurements due to geometric uncertainties
<b>Friday: 8:30 AM to 12:00 PM</b>			
8:30	C. Huang	University of Illinois at Urbana-Champaign	Data-driven analysis of rail vibration resonance frequencies as a function of rail axial strain/rail neutral temperature
9:15	A. Perrin	LMA - Naval Group	Experimental investigation of the crack closure by applying Dynamic Acousto-Elastic Testing on a steel sample
10:00	--		<i>Break</i>
10:30	L. Beardslee	LANL	Principle Component Analysis for Modal Optimization in Resonant Ultrasound Spectroscopy
11:15	A. Buckthorpe	LANL	Comparison of Finite Element-based vs. Traditional Resonant Ultrasound Spectroscopy