

Conference Hotel: Omni Hotel Corpus Christi, 900 North Shoreline Dr, Corpus Christi, TX; phone: 361-887-1600  
 Conference Venue: Bayview Room 320, 3rd floor of University Center, Texas A&M-Corpus Christi

**Schedule last updated May 27, 2026 (Monday adjusted)**

Start	End	Session	Speaker	Talk Title / Notes
<b>Sunday May 31</b>				
All day		<b>Shuttle from airport to Omni Hotel</b>		<b>Free, but must call hotel to arrange (361-887-1600)</b>
6:00 PM -	8:00 PM	<b>Reception at Omni Hotel (hors d'oeuvres, no host)</b>		

<b>Monday June 1</b>				
8:00 AM		<b>Shuttle from Omni Hotel to TAMU-CC</b>		<b>Leaves from main hotel entrance each day</b>
8:30 AM -	9:00 AM	<b>Breakfast (onsite at TAMU-CC)</b>		
9:00 AM -	9:15 AM	<b>Remarks</b>	Dean David Ma	TAMU-CC Welcome
9:15 AM -	9:25 AM	<b>Remarks</b>	TJ Ulrich	ICNEM Welcome
9:25 AM -	9:40 AM	<b>Remarks</b>	Eliza McCall	Remembrance for Robert Guyer
9:40 AM -	10:25 AM		Koen van den Abeele	Introductory course on theory and modelling in nonlinear elasticity
10:25 AM -	10:45 AM	<b>Break</b>		
10:45 AM -	11:30 AM		TJ Ulrich	Experimental Methods in Nonlinear Elasticity: An Overview
11:30 AM -	11:55 AM		Lev Ostrovsky	Problems of long-time relaxation (slow time)
12:00 PM -	1:10 PM	<b>Lunch (onsite at TAMU-CC)</b>		
1:10 PM -	1:55 PM		Paul Johnson	Observations and Applications of Nonlinear Elasticity in Earth
1:55 PM -	2:35 PM		Ryley Hill	From Grain to Mesh: 2D Modeling of Nonlinear Mesoscopic Elasticity
2:35 PM -	3:15 PM		Richard Weaver	Parametric Study of Slow Dynamic Nonlinear Elasticity: Phenomenological models and their predictions
3:15 PM -	3:30 PM	<b>Break</b>		
3:30 PM -	4:10 PM		Ward Johnson	Evidence for evolution of lack-of-fusion defects induced by resonant acoustic excitation in commercially pure additively manufactured aluminum
4:10 PM -	4:50 PM		Alexander Sutin	Medical Opportunities of Nonlinear Time Reversal Acoustics (NTRA)
4:50 PM		<b>Shuttle to Omni Hotel</b>		

<b>Tuesday June 2</b>				
8:00 AM		<b>Shuttle from Omni Hotel to TAMU-CC</b>		
8:30 AM -	9:00 AM	<b>Breakfast (onsite at TAMU-CC)</b>		
9:00 AM -	9:10 AM	<b>Remarks</b>	Conference Committee	
9:10 AM -	9:45 AM		Caleb Fryer	Influence of Interfacial Mechanics on Elastic Characterization of Encapsulated Granular Media Using Resonant Ultrasound Spectroscopy
9:45 AM -	10:20 AM		Cedric Debusschere	Nonlinear vibro-thermal damage imaging in thin plates by activation of defects using time-reversal elastic waves
10:20 AM -	10:40 AM	<b>Break</b>		
10:40 AM -	11:15 AM		Joshua Bartlett	Application of Continuous Full-Field Vibration Measurements in Nonlinear Resonant Ultrasound Spectroscopy for Characterization of Berea Sandstone
11:15 AM -	11:50 AM		Sunav Raj Dahal	Contactless Ultrasonic Monitoring of Slow Dynamic Behavior
12:00 PM -	1:10 PM	<b>Lunch (onsite at TAMU-CC)</b>		
1:10 PM -	1:45 PM		Grzegorz Zych	Amplitude-dependent resonance shifts in irradiated nickel
1:45 PM -	2:20 PM		Sarah Johnson	Considering operating deflection shapes in nonlinear resonant ultrasound spectroscopy
2:20 PM -	2:55 PM		John Paulenich III	Experimental demonstrations of the sand-plate-oscillator and 1-D wire rope vibration isolator exhibiting nonlinear and hysteresis effects
2:55 PM -	3:15 PM	<b>Break</b>		
3:15 PM -	3:50 PM		Luke Nester	Investigation of Nonlinear Phenomena and Reproducibility of Weakly Bonded Structures
3:50 PM -	4:25 PM		Han Bai	When the field becomes the laboratory: seismic velocity changes of a shallow aquifer during controlled hydrological forcing
4:30 PM -	4:40 PM	<b>Student Awards</b>	Conference Committee	
4:40 PM		<b>Shuttle to Omni Hotel</b>		
6:00 PM		<b>Shuttle to group dinner (El Camino; 314 N Chaparral St.)</b>		

<b>Wednesday June 3</b>				
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8:00 AM	<b>Shuttle from Omni Hotel to TAMU-CC</b>		
8:30 AM - 9:00 AM	<b>Breakfast (onsite at TAMU-CC)</b>		
9:00 AM - 9:40 AM	Lev Ostrovsky	1. Introduction to the non-classical nonlinear acoustics 2. How do the impact magnitude and duration affect the recovery process in rock?	
9:40 AM - 10:20 AM	Paul Geimer	Investigation of white-noise-based nonlinear resonant ultrasound spectroscopy for non-destructive evaluation	
10:20 AM - 10:40 AM	<b>Break</b>		
10:40 AM - 11:20 AM	Marco Scalerandi	Fast Nonlinear Resonant Ultrasound Spectroscopy (NRUS) based on fixed-phase Resonance Tracking	
11:20 AM - 12:00 PM	John Yoritomo	Parametric Study of Slow Dynamic Nonlinear Elasticity: Experiments and comparison with models	
12:00 PM - 1:15 PM	<b>Lunch (onsite at TAMU-CC)</b>		
1:15 PM	<b>Shuttle to Omni Hotel</b>		
2:00 PM	<b>Shuttle from Omni Hotel to Texas State Aquarium (cost covered by registration fee)</b>		

<b>Thursday June 4</b>			
8:00 AM	<b>Shuttle from Omni Hotel to TAMU-CC</b>		
8:30 AM - 9:00 AM	<b>Breakfast (onsite at TAMU-CC)</b>		
9:00 AM - 9:40 AM	Nakul Deshpande	Acoustic excitation to infer flexural characteristics of paired thin films	
9:40 AM - 10:20 AM	Alexander Sutin	Nonlinear and Time Reversal acoustics in nonlethal weapons	
10:20 AM - 10:35 AM	<b>Break</b>		
10:35 AM - 11:15 AM	Raj Kumar Pal	Dynamics of structures under complex frequency excitations	
11:15 AM - 11:55 AM	Jean-Briac le Graverend	Toward a Microstructure-Dependent Interpretation of Nonlinear Resonant Ultrasound Spectroscopy	
11:55 AM - 1:05 PM	<b>Lunch (onsite at TAMU-CC)</b>		
1:05 PM - 1:45 PM	Joe Kim	Nonlinear Compressibility Measurement of Cells and Particles in Acoustophoretic, Microfluidic Channels	
1:45 PM - 2:25 PM	Andrew Delorey	Adapting Nonlinear Elastic Measurements to Earth Studies	
2:25 PM - 2:40 PM	<b>Break</b>		
2:40 PM - 3:20 PM	Justin Wilkerson	Cavitation of nonlinear solids	
3:20 PM - 3:40 PM	Jian Sheng	Laboratory For Advanced Energy, Biological Fluids, & Imaging (LAEBI)	
3:45 PM - 4:40 PM	<b>Lab Tour</b>	Jian Sheng	<a href="#">Laboratory For Advanced Energy, Biological Fluids, &amp; Imaging (LAEBI)</a>
4:40 PM	<b>Shuttle to Omni Hotel</b>		

<b>Friday June 5</b>	
9:00 AM - 12:00 PM	Technical demonstrations and planning meeting for ICNEM organizing committee (Omni Hotel)