

	SUNDAY June 23	MONDAY June 24	TUESDAY June 25	WEDNESDAY June 26	THURSDAY June 27	FRIDAY June 28
08:00 - 8:30 8:30 - 9:00						
9:00 - 9:30 9:30 - 10:00		Welcome Session 1	Session 1	Session 1	Session 1	Session 1
10:00 - 10:30 10:30 - 11:00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00 - 11:30 11:30 - 12:00		Invited talk	Invited talk	Invited talk	Invited talk	Session 2
12:00 - 12:30 12:30 - 13:00		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
13:00 - 13:30 13:30 - 14:00		Session 3	Session 3	Session 3	Session 3	Discussions and lab visits
14:00 - 14:30 14:30 - 15:00		Coffee break	Coffee break	Coffee break	Coffee break	
15:00 - 15:30 15:30 - 16:00		Session 4	Discussions and networking	Wieliczka Salt Mine - guided tour followed by dinner		
16:00 - 16:30 16:30 - 17:00						
17:00 - 17:30 17:30 - 18:00						
18:00 - 18:30 18:30 - 19:00	Welcome reception Lubicz Brewery		Krakow City Tour			
19:00 - 19:30 19:30 - 20:00						
20:00 - 20:30 20:30 - 21:00						
21:00 - 21:30 21:30 - 22:00	Regular talk 25 min + 5 min questions Invited talk 45 min + 15 min questions					

MONDAY June 24			
9:00 - 9:30	Welcome		Session 1
9:30 - 10:00	R. Guyer From Stress Chains to Acoustic Emission	D1S1-1	
10:00 - 10:30	J. Gieras Stress and fractures - how do they influence seismic wave velocity?	D1S1-2	
10:30 - 11:00	Coffee break		
11:00 - 11:30	P. Johnson	D1S2	Session 2
11:30 - 12:00	Machine-learning		
12:00 - 12:30	Lunch break		
12:30 - 13:00			
13:00 - 13:30			
13:30 - 14:00	V. Aleshin Modeling in nonlinear acoustic NDT: from contact models to diagnostics-prognostics	D1S3-1	Session 3
14:00 - 14:30	K. Truyaert A 2D multiphysics model for vibration induced heating at closed defects: a qualitative analysis	D1S3-2	
14:30 - 15:00	R. Radecki Analytical and numerical modelling of nonlinear ultrasonic wave propagation due to higher-order elastic material definition and defect interaction	D1S3-3	
15:00 - 15:30	Coffee break		
15:30 - 16:00	A. Klepka Investigation of thermal effects in contact-type damage	D1S4-1	Session 4
16:00 - 16:30	P. Yambagyang Evaluation of physical aging in polymers using nonlinear ultrasonic wave mixing	D1S4-2	
16:30 - 17:00	F. Akhmedzhanov Elastic nonlinear swelling of aluminum alloys under influence of neutron radiation	D1S4-3	

TUESDAY June 25			
9:00 - 9:30	J. Eiras Dynamic characterization of smart concrete: observation of slow dynamics through electrical measurements	D2S1-1	Session 1
9:30 - 10:00	A. L. Astorga Slow dynamics in buildings as a proxy of structural damage	D2S1-2	
10:00 - 10:30	W. Domański Asymptotic Approach to Nonlinear Waves in Elastic Solids with Slow Dynamics	D2S1-3	
10:30 - 11:00	Coffee break		
11:00 - 11:30	J. TenCate What's missing ?	D2S2	Session 2
11:30 - 12:00			
12:00 - 12:30	Lunch break		
12:30 - 13:00			
13:00 - 13:30			
13:30 - 14:00	V. Genovés Study of the relaxation time on fast dynamics tests on mortar samples: NIRAS and FANSIRAS techniques	D2S3-1	Session 3
14:00 - 14:30	C. Payan Influence of moisture on nonlinear properties of mortar in different damage conditions	D2S3-2	
14:30 - 15:00	F. Ouvrier-Buffet Nonlinear nondestructive evaluation of concrete affected by swelling pathologies	D2S3-3	
15:00 - 15:30	Coffee break		
15:30 - 16:00	Discussions and networking		Session 4
16:00 - 16:30			
16:30 - 17:00			

WEDNESDAY			
June 26			
9:00 - 9:30	A. Martowicz Handling nonlinearities in metallic materials and structures using nonlocal elasticity	D3S1-1	Session 1
9:30 - 10:00	Y. Ohara Ultrafast imaging with pump excitation for closed crack characterization	D3S1-2	
10:00 - 10:30	M. Scalerandi Evolution of damping and velocity during conditioning and relaxation in diverse media	D3S1-3	
10:30 - 11:00	Coffee break		
11:00 - 11:30	L. Ostrovsky Contact-based theory of hysteresis and relaxation in geomaterials	D3S2	Session 2
11:30 - 12:00			
12:00 - 12:30	Lunch break		
12:30 - 13:00			
13:00 - 13:30			
13:30 - 14:00	G. Pinton Shear shock wave generation and focusing in the human head	D3S3-1	Session 3
14:00 - 14:30	T. Krit Anisotropic muscle shear moduli measured by the Doppler method	D3S3-2	
14:30 - 15:00	P. Pyzik Evaluation of soft layered materials using air-coupled acoustic radiation force excitation of guided wave and spatial multiple signal classification	D3S3-3	
15:00 - 15:30	Coffee break		
15:30 - 16:00			
16:00 - 16:30			
16:30 - 17:00			

THURSDAY June 27			
9:00 - 9:30	I. Solodov Enhancement of nonlinear response via mode match of local defect resonance	D4S1-1	Session 1
9:30 - 10:00	Y. Ohara Fixed-voltage fundamental wave difference (FAD) for high-selectivity imaging of closed cracks	D4S1-2	
10:00 - 10:30	J. Kober Nonlinear Elasticity of 3D Printed Ti6Al4V with Porosity	D4S1-3	
10:30 - 11:00	Coffee break		
11:00 - 11:30	L. Magalas High-resolution mechanical spectroscopy, HRMS: Status and Perspectives	D4S2	Session 2
11:30 - 12:00			
12:00 - 12:30	Lunch break		
12:30 - 13:00			
13:00 - 13:30			
13:30 - 14:00	T. de Geus How is slip nucleated at a frictional interface?	D4S3-1	Session 3
14:00 - 14:30	A. Di Bella Dynamic elastic-plastic contact model of rough surfaces in the presence of adhesion	D4S3-2	
14:30 - 15:00	P. Mora Rayleigh wave harmonic generation in materials with depth-dependent non-linear properties: theoretical results	D4S3-3	
15:00 - 15:30	Coffee break		
15:30 - 16:00			
16:00 - 16:30			
16:30 - 17:00			

FRIDAY June 28			
9:00 - 9:30	E. Dauson Low cost integrity inspection in wellbores: challenges in nonlinear measurements using time reversal	D5S1-1	Session 1
9:30 - 10:00	J. Spytek The influence of plate thickness on guided waves self-focusing through the time-reversal process	D5S1-2	
10:00 - 10:30	L. Pieczonka Probing defects at different depths using time-reversal acoustics	D5S1-3	
10:30 - 11:00	Coffee break		
11:00 - 11:30	J. Górski Investigation of modulation transfer effect for elastic waves	D5S2-1	Session 2
11:30 - 12:00	F. Akhmedzhanov Acousto-optical studies of acoustical activity in lanthanum hallosilicate crystals	D5S2-2	
12:00 - 12:30	J. Iwaniec Practical applications of recurrence based methods	D5S2-3	
12:30 - 13:00	Lunch break		
13:00 - 13:30			
13:30 - 14:00			
14:00 - 14:30	Discussions and lab visits		Session 3
14:30 - 15:00			
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