



# 27th International Conference on Nonlinear Elasticity in Materials

## Monday 14 July 2025

### Time-dependent nonlinear effects: I (09:10 - 10:20)

time	[id] title	presenter
09:10	[30] Fast and slow dynamic effects in Nonlinear Resonant Ultrasound Spectroscopy	KOBER, Jan
09:45	[27] Influence of Loading Frequency on the Fatigue Life of Concrete	BELTRAN GUTIERREZ, Raul Enrique

### Time-dependent nonlinear effects: II (10:50 - 12:00)

time	[id] title	presenter
10:50	[23] Dynamic Acousto-Elastic Testing of Intact and Fractured Westerly Granite	RIVIERE, Jacques
11:25	[15] Effects of pump-induced conditioning on nonlinear coda wave interferometry in concrete	SHAABANI, Shilan

### Time-dependent nonlinear effects: III (14:00 - 15:10)

time	[id] title	presenter
14:00	[25] The coupled impacts of internal relative humidity on both the linear and nonlinear Young's modulus of siliciclastic sandstones	Prof. SCALERANDI, Marco
14:35	[37] Slow dynamics in saturated Bentheimer sandstone	ASNAR, Manuel

### Time-dependent nonlinear effects: IV (15:50 - 17:00)

time	[id] title	presenter
15:50	[36] Predictable recovery rates in near-surface materials after earthquake damage	SENS-SCHÖNFELDER, Christoph
16:25	[10] How does the impact magnitude affect the relaxation process in rock?	OSTROVSKY, Lev