



# WAVES 2022

## Tuesday, July 26, 2022

### (21D) MS New trends in nonlinear acoustics and related phenomena - Red 1 (10:30 AM - 12:30 PM)

-Conveners: Barbara Kaltenbacher

time	[id] title	presenter
10:30 AM	[74] Well-posedness and shape optimization for the Westervelt Robin boundary problem on domains with non-Lipschitz boundaries	ROZANOVA-PIERRAT, Anna HINZ, Michael DEKKERS, Adrien TEPLYAEV, Alexander
11:00 AM	[75] A phase-field approach to shape and topology optimization of nonlinear acoustic waves	NIKOLIĆ, Vanja GARCKE, Harald MITRA, Sourav
11:30 AM	[76] Analysis of shape optimization problems for the Kuznetsov equation	MELIANI, Mostafa NIKOLIĆ, Vanja
12:00 PM	[77] Boundary stabilization of critical nonlinear JMGT equation with undissipated Neumann boundary	BONGARTI, Marcelo LASIECKA, Irena