Poster Presentations

Poster No.	First Name	Last Name	Organisation	Paper Title
1	Xuan	Li	University of Southampton	Precision bone surgery with an adhesive-free class IV flextensional transducer
2	Mia	Brely		Development, control and testing of a serial low intensity pulsed ultrasound (LIPUS) device for cell stimulation
3	Julien	Bustillo	INSA Centre Val de Loire	Ultrasonic ToF Technique for SoC Estimation in LiIon Batteries
4	Fangyuan	Wan	University of Bristol	Tomographic Reconstruction of the Internal Grain Structures in Polycrystalline Materials using Full-Waveform Inversion of Ultrasonic Array Data
5	Samuele	Martinelli	University of Strathclyde	Optimizing the COMSOL computation for Ultrasonic through-metal communication (UTMC) simulation
6	Michel	Darmon	University Paris-saclay	Fast analytical models for the non-linear scattering of elastic waves at a contact interface
7	Yongxing	Cai		Statistical Classification of Cracks on Corroded Surfaces in Ultrasound Images
8	Josephine	Hoare	University of Edinburgh	The Development of New Tissue Mimicking Materials for the Assessment of Nonlinear Imaging Techniques
9	Tanguy	Bertels	Institut Jean le Rond d'Alembert, Sorbonne Université	Numerical simulations of elastic wave propagation in solid materials containing a random distribution of spherical particles
10	Nesrine	Houhat	INSA Centre Val de Loire	Experimental monitoring of polyethylene viscosity during rotomolding by ultrasonic nondestructive method
11	Eric	Ducasse	Arts et Metiers Institute of Technology, Université Bordeaux	Domain decomposition method for coupling semi-analytical form and finite element models of wave propagation: validation and convergence study
12	Sandy	Cochran	University of Glasgow	High-Frequency Medical Ultrasound Array made with Textured Piezoceramics
13	Paul	Dryburgh	King's College London	Coherent multi-transducer ultrasound imaging in harmonic mode
14	Simon	Pointeau	Institut Jean le Rond d'Alembert, Sorbonne Université	Guided waves in a viscoelastic bilayer structure
15	Hasan	Koruk	National Physical Laboratory	A robust indentation methodology for reproducible characterisation of the mechanical properties of soft materials
16	Reza	Haqshenas		Acoustic Cavitation Classification: A Machine Learning Approach Using Multiple Bubble Dynamics Models and Stability Criteria
17	Benson	Chen		Ultrasound mediated nanodrug delivery for pancreatic cancer
18	Alain	Lhémery	Université Paris-saclay	SH wave imaging with synthetic arrays of magnetostrictive patches
19	Dmitrii	Nikolaev		Dual-liquid acoustic fountain towards creating core-sheath structures