

Session	Paper	Poster Session	Papers in the Ghost session*
A01-01: Active sound control/profiling			
A01-04: Smart structures and systems for vibration control			
A01-05: Active metamaterials			
A02-02: Open-source software and cutting-edge applications in bio-acoustics			
A02-03: Eco-Acoustics and non-vocal bio-acoustics	700	Poster 3	
A02-04: Underwater bio-acoustics			
A02-05: Terrestrial bio-acoustics			
A02-07: Bird bio-acoustics			
A03-01: General building acoustics and sound insulation	583, 648	Poster 1	
A03-02: Sound insulation in wooden construction			
A03-03: Impact noise	176	Poster 2	
A03-04: Absorption materials and innovative measuring techniques	866	Poster 2	
A03-06: Measurement uncertainty and test codes in building acoustics			275
A03-07: Structure borne and service equipment noise in buildings			
A03-08: Acoustic regulations, classification schemes and standards in building acoustics	364	Poster 3	276
A03-10: Prediction and numerical simulation in building acoustics			
A03-11: Measurement of sound insulation in buildings			
A04-01: Monitoring and measurement (new indicators, sensors design, sensor networks, data processing...)	755	Poster 1	
A04-02: Noise mapping and assessment	160, 1269	Poster 2	
A04-03: Action plans and noise management	75	Poster 1	495
A04-04: Urban air mobility noise (drones UAM)			
A04-05: Industrial noise	500	Poster 1	
A04-06: Outdoor machinery, including wind turbines and low frequency sources			
A04-07: Low frequencies noise	1302	Poster 3	
A04-08: Environmental noise and health effects			459
A04-10: Outdoor noise propagation			
A04-11: Artificial intelligence and environmental noise			
A05-01: Loudspeakers and sound field control			
A05-02: Microphones for audio or measurement applications	886	Poster 3	
A05-04: Acoustic MEMS	353	Poster 3	
A06-01: Rotor noise			
A06-02: Wind Tunnel Testing in Aeroacoustics			
A06-04: Metamaterials for passive control in aeroacoustics			
A06-05: Jet noise and CAA methods	164	Poster 3	
A07-01: Brass instruments: tribute to Joël Gilbert			
A07-02: Experimental methods for music acoustics			306

A07-03: Acoustical, perceptual and neural modelling of drums			
A07-04: Acoustics of organ pipes and the pipe organ			
A07-05: Interfaces for musical expression	556, 935	<b>Poster 2</b>	
A07-06: From FEM- to machine learning-based analysis and modeling of musical instruments	662	<b>Poster 2</b>	
A08-01: Noise and Sustainable Development			
A08-02: Subjective evaluation of environmental noise included audio-visual interactions			
A08-03: Noise in restaurants and canteens			
A08-04: Noise in hospitals and healthcare facilities			
A09-01: Non Destructive Testing and Evaluation	367, 370	<b>Poster 2</b>	
A09-02: Nonlinear Acoustics	1161	<b>Poster 3</b>	
A09-03: Advances in acoustic metamaterials	630	<b>Poster 3</b>	
A09-04: Cavitation-based therapeutic ultrasound & Brain therapy using ultrasound	1294, 1295	<b>Poster 2</b>	
A09-07: Acousto-Optics	482, 505	<b>Poster 3</b>	
A10-01: Increasing ecological validity in audiology			
A10-02: Assessment of hearing devices in complex environments			
A10-03: Modelling of unaided and aided performance	883	<b>Poster 1</b>	470
A10-04: Auditory and cognitive aspects in perception with hearing devices			
A11-01: Spatial Hearing: Modeling and Applications	1051	<b>Poster 1</b>	
A11-02: Virtual Reality and Hearing Research			
A11-03: Perception and Behaviour in Complex Acoustic Scenes	14, 267, 668, 669	<b>Poster 3</b>	
A11-04: Personalisation in Spatial Audio Technologies			
A11-05: Psychoacoustics in Communication			
A12-02: New trends in room acoustic measurements (including arrays and signal processing) [joint session with A13-04]			
A12-03: Innovations in sound absorption measuring techniques, including reverberation room measurements	1195	<b>Poster 3</b>	
A12-04: Stage acoustics and rehearsal spaces	806	<b>Poster 2</b>	
A12-05: Acoustical needs for comfortable and inclusive learning spaces	690, 872	<b>Poster 1</b>	
A12-06: Open plan offices	689	<b>Poster 2</b>	
A12-08: Real world implementation of innovative acoustic surfaces			
A12-09: Sound propagation in rooms			
A12-10: Artificial intelligence, machine learning and other computational methods in room acoustics	1199	<b>Poster 3</b>	1164
A12-11: New trends in auditorium design			
A12-12: Directivity of sound sources and receivers I (also Session A21-03)			
A12-13: Acoustics of cultural heritage buildings and archaeoacoustics			

A12-14: Accuracy in room acoustic modelling	240	<b>Poster 1</b>	
A13-02: Audio signal processing for Virtual and Augmented Reality			
A13-03: Source localization and identification			
A13-05: Machine learning for acoustic sensor array processing			
A13-06: Sound field control and loudspeaker array processing			
A14-02: Soundscapes of the 'new normal' (post-COVID)			
A14-03: Soundscape and restoration, quiet areas	1258	<b>Poster 1</b>	1145
A14-04: Soundscape design interventions			
A14-05: Soundscape assessment and mapping (indicators, descriptors and metrics)			682
A14-06: Indoor soundscaping	553, 641, 1012	<b>Poster 2</b>	
A15-01: Speech intelligibility in children			
A15-02 Occupational voice demands and their effect on well-being and health			321
A15-03: Extended high frequency in speech			
A15-05: Cognitive aspects of speech production and perception	70	<b>Poster 2</b>	
A15-06: Application of Machine Learning and Automated Methods to Speech and Voice Research			
A16-01: Numerical and computational acoustics	354	<b>Poster 2</b>	
A16-02: Boundary and finite element methods in acoustics and vibration			
A16-03: Data-driven methods in acoustics and vibrations			
A16-04: Numerical flow acoustics/Computational aeroacoustics			
A17-01: Automotive noise and vibration, including electric vehicles	691	<b>Poster 2</b>	
A17-02: Road traffic noise monitoring and abatement			
A17-03: Tyre/road noise	458	<b>Poster 1</b>	
A17-05: Railway noise detection, monitoring and abatement			726
A17-06: Noise & Vibration from roads and railways, including urban railways	1108	<b>Poster 2</b>	824
A17-07: Road and rail noise barriers and related devices			
A18-02: From brief to evaluation in the sound design process			
A18-03: Sound design/quality in industrial products	1069	<b>Poster 3</b>	
A18-04: Sound for care and emotions			1060
A19-01: Source localisation and geoacoustic inversion			928
A19-02: Underwater Acoustic communication and networking			
A19-05: Underwater Soundscapes, Acoustical imaging and Mapping			1205
A20-01: Materials and systems for noise and vibration control			
A20-02: Modelling and numerical methods in vibroacoustics			
A20-03: Acoustics of porous and structured materials	635	<b>Poster 1</b>	
A20-04: Inverse methods in acoustics and vibration			
A21-01: Auditory Cognition in interactive Virtual Environments	377	<b>Poster 1</b>	

A21-02: Environmental Noise Auralization			
A21-03: Directivity of sound sources and receivers II (also Session A12-12)	937	<b>Poster 3</b>	
A21-04: Virtual acoustics for indoor spaces	698	<b>Poster 3</b>	
A22-01: Education in acoustics and role of social media in outreaching of acoustics topics			
A22-02: Interactive media or demonstrations for lectures and laboratory			
A22-05: Activities in acoustics of European Research Centers and Companies during the 20th century	770	<b>Poster 1</b>	274
A22-06: Reflections on the International Year of Sound			
A23-02: Multidomain comfort for human centric building energy efficiency and wellbeing - IEQ analysis and global comfort solutions			

\*Ghost session, with papers included in the Proceeding but not presented at the Conference