Eurnoise 2021 - final paper list

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2	LIFE project Cool & Low Noise Asphalt: monitoring the acoustic performance of low noise pavements in the city center of Paris	Carlos Ribeiro	Gen. Session 28: Tyre, Road and Rail Noise	Carlos Ribeiro; Jacopo Martini; Jérôme Lefèbvre; Giulia Custodi; Fanny Mietlicki;	GS28
3	Sounds of Smart City: a subjective review of acoustical problems appearing in creating intelligent urban areas	Jan Kaźmierczak	Struct. Session 3: Urban Sound Environment	Jan Kaźmierczak; Barbara Rożałowska; Joanna Bartnicka; Kinga Stecuła; Waldemar Paszkowski; Artur Kuboszek; Arkadiusz Boczkowski;	SS3
5	On the formulation of a BEM for solving wave propagation in acoustic domains with complex boundary conditions	A. Romero	Gen. Session 19: Numerical and Computational Techniques	A. Romero; P. Galvín; A. Tadeu;	GS19
6	Open plan office noise is stressful: Multimodal stress detection in a simulated work environment	Elizabeth (Libby) Sander	Struct. Session 5: Open-Plan Offices	Elizabeth (Libby) Sander; James Birt; Cecelia Marques; Matthew Stead; Oliver Baumann;	SS5
7	A 2D waveguide to measure oblique incidence reflection and transmission coefficients	Ze Zhang	Struct. Session 9: Measurement of sound absorption	Ze Zhang; Hervé Denayer; Claus Claeys; Wim Desmet; Elke Deckers;	SS9
8	The acoustic characteristics of heritage theaters in Quito-Ecuador	Ernesto Ochoa	Gen. Session 21: Room and Building Acoustics	Ernesto Ochoa; Antonio Pedrero; Mª de los Ángeles Navacerrada;	GS21
9	Characterisation of hearing aids to determine the intelligibility of hearing impaired employees in a noisy working environment.	Antoine Malrin	Gen. Session 20: Psychological and Physiological Acoustics	Antoine Malrin; Joël Ducourneau; Patrick Chevret;	GS20
10	Shifts detection in the road surface condition through tyre/road noise analysis and pattern recognition approach.	Carlos Ramos-Romero	Gen. Session 28: Tyre, Road and Rail Noise	Carlos Ramos-Romero; Juan Manuel Cermeño; César Asensio;	GS28
11	Dairy Cattle Welfare through Acoustic Analysis: preliminary results of acoustic environment description	Rosa Ma Alsina-Pagès	Gen. Session 5: Animal and Bioacoustics	Rosa Ma Alsina-Pagès; Pol Llonch; Gerardo Jose Ginovart-Panisello; Raul Guevara; Marc Freixes; Muriel Castro; Leticia Duboc; Eva Mainau;	GS5
12	A theoretical approach on designing wideband acoustic absorbers	Ela Fasllija	Struct. Session 7: Acoustic metamaterials	Ela Fasllija; Semiha Yilmazer; Cengiz Yilmazer;	SS7
13	A systematic comparison between EN ISO 12354 calculations of CLT floors with a large set of laboratory and field measurements	Christian Simmons	Struct. Session 11: Sound insulation of timber building	Christian Simmons;	SS11
15	Measurement and Prediction of Speech Level Reduction of a Phone Booth in Three Different Open-plan Offices	Jukka Keränen	Struct. Session 5: Open-Plan Offices	Jukka Keränen; Valtteri Hongisto;	SS5
16	Effects of construction details on measured sound insulation of timber frame partition walls	Bernd Nusser	Struct. Session 11: Sound insulation of timber building	Bernd Nusser; Christian Lux;	SS11
17	Low-noise road mixtures for electric vehicles	Filippo G. Pratico	Gen. Session 28: Tyre, Road and Rail Noise	Filippo G. Pratico; Gianfranco Pellicano; Rosario Fedele;	GS28
18	SOPRANOISE – in-situ inspection procedure for airborne sound insulation properties of existing noise barriers	Fabio Strigari	Gen. Session 28: Tyre, Road and Rail Noise	Fabio Strigari; Michael Chudalla; Wolfram Bartolomaeus; Marco Conter; Andreas Fuchs; Massimo Garai; Christophe Nicodème; Jean-Pierre Clairbois;	GS28
19	Weakly Nonlinear Pulse Propagation in Large Caliber Weapons: a Time-Domain Approach based on the Nonlinear Progressive Wave Equation	Guido Billot	Gen. Session 18: Non-linear Acoustics	Guido Billot; Benoît Georges Marinus; Kristof Harri;	GS18
20	The Development of ISO/PAS 1996-3 on Impulsive Sound Prominence	Douglas Manvell	Gen. Session 7: Community Noise	Douglas Manvell; Torben Holm Pedersen;	GS7
21	Experimental characterisation of the acoustic properties of a residential ventilation valve	Olivier Van Dessel	Gen. Session 17: Noise Propagation in Ducts and Pipes	Olivier Van Dessel; Hervé Denayer; Wim De Roeck;	GS17
22	Comprehension of dysphonic speech by primary students.	Pasquale Bottalico	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Pasquale Bottalico; Silvia Murgia;	SS21
23	Voice Production Changes in ArtificialEnvironments	Pasquale Bottalico	Struct. Session 22: Room acoustic effect on voice and instruments	Pasquale Bottalico; Tomas Sierra-Polanco;	SS22
24	Simulation Study on the Noise Reduction Effect of Smoke Vent Layouts of Enclosed Noise Barriers	Jie Yang	Gen. Session 19: Numerical and Computational Techniques	Jie Yang; Zhongxu Kang; Edgar Matas;	GS19
25	Relationship between acoustic perception and overall user experience in vacuum cleaners	Noemi Martin	Gen. Session 20: Psychological and Physiological Acoustics	Noemi Martin; Lisa-Marie Wadle;	GS20
26	Extra-auditory effects from exposure to noise in working environments	Sergio Luzzi	Gen. Session 9: Effects of Sound and Vibration on Humans	Sergio Luzzi; Lucia Busa; Paola Pulella; Giulio Arcangeli; Veronica Traversini;	GS9
27	Façade design through parametric modelling for environmental noise mitigation in a courtyard	Elena Badino	Struct. Session 20: Parametric modelling and room acoustic simulation	Elena Badino; Louena Shtrepi; Arianna Astolfi;	SS20
28	Acoustical shock waves interactions: Signal based determination of non-linearities	Deleu Samuel	Gen. Session 18: Non-linear Acoustics	Deleu Samuel; Gojon Romain; Jérémie Gressier;	GS18
30	Aeroacoustic Investigation of Refrigerator Air Duct and Flow Systems	Hazal Berfin Demir	Gen. Session 3: Aeroacoustics	Hazal Berfin Demir; Bayram Çelik; Koray Erdogan;	GS3
31	Fast forced response calculations of finite metamaterial plates using a Generalized Bloch Mode Synthesis based sub-structuring approach	Lucas Van Belle	Struct. Session 7: Acoustic metamaterials	Lucas Van Belle; Claus Claeys; Elke Deckers; Wim Desmet;	SS7

33	Using dark fibres in existing telecommunication cables for characterization vibration levels of railway infrastructure	Hölscher Paul	Gen. Session 22: Signal Processing and Analysis	Hölscher Paul; Edwin A. Obando Hernández; Pieter Doornenbal; Hielke Zandberg;	GS22
34	Determining the influence of the junction length on the vibration transmission across junctions	Wannes Stalmans	Struct. Session 17: Prediction of airborne and impact sound insulation	Wannes Stalmans; Cédric Van hoorickx; Edwin Reynders;	SS17
35	Railway-induced ground-borne noise in buildings: case-study of the CEVA line in Geneva (CH)	BOZZOLO Dario	Struct. Session 18: Ground-borne noise in buildings	BOZZOLO Dario; Vincenza Barbaro; David Cordier;	SS18
36	Challenges in interactive sound insulation auralization	Michael Vorländer	Struct. Session 17: Prediction of airborne and impact sound insulation	Michael Vorländer;	SS17
37	A bio-monitoring tool for quantifying the effect of sound - and landscape on mental restoration in real nature and in virtual reality	Jorg De Winne	Gen. Session 9: Effects of Sound and Vibration on Humans	Jorg De Winne; Jorg De Winne; Ehsan Eqlimi; Dick Botteldooren;	GS9
38	Therapeutic ultrasound holograms to target thalamic nuclei through the temporal bone window	Diana Andrés	Gen. Session 29: Ultrasonics	Diana Andrés; Irene Pi-Martin; Noé Jiménez; Francisco Camarena;	GS29
39	Sentence comprehension and word recall in noisy classrooms: links with cognitive and noise-sensitivity measures	Chiara Visentin	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Chiara Visentin; Matteo Pellegatti; Nicola Prodi;	SS21
40	Experimental techniques for measuring sound absorption through micro-perforated partitions	Bravo Teresa	Struct. Session 9: Measurement of sound absorption	Bravo Teresa; Maury Cédric;	SS9
41	Parametric generation of subwavelength acoustic vortices	Noé Jiménez	Gen. Session 18: Non-linear Acoustics	Noé Jiménez; Joao Ealo; Rubén Muelas-Hurtado; Aroune Duclos; Vicente Romero-García;	GS18
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43	Challenges in entire building sound insulation calculation	Cástor Rodríguez-Fernández	Struct. Session 13: BIM in acoustics	Cástor Rodríguez-Fernández; Roberto San Millán-Castillo; Eduardo Latorre-Iglesias;	SS13
44	In situ acoustic characterization of a porous layer backed by a large air cavity	Baltazar Briere de La Hosseraye	Gen. Session 21: Room and Building Acoustics	Baltazar Briere de La Hosseraye; Jieun Yang; Maarten Hornikx;	GS21
45	Perfect acoustic absorption in reciprocal ventilated problems	Vicente Romero-García	Struct. Session 9: Measurement of sound absorption	Vicente Romero-García; Noé Jiménez; Vincent Pagneux;	SS9
46	Scattering control by using correlated disorder	Vicente Romero-García	Struct. Session 6: Scattering control by sound diffusers and metamaterials	Vicente Romero-García; Svetlana Kuznetsova; Élie Chéron;	SS6
47	Better Communication and Learning in the Classroom. Trainingteachers' awareness of voice use and room acoustics, an intervention study	Viveka Lyberg Åhlander	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Viveka Lyberg Åhlander; Suvi Karjalainen; Birgitta Sahlén; K. Jonas Brännström; Anna Houmann;	SS21
48	Acoustic Virtual Reality as a Learning Framework for Built Environment Students	Alessia Milo	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	Alessia Milo; Maarten Hornikx;	SS19
49	Universal parameters and similarity conditions in the study of the diffracted signal around a wedge	Penelope Menounou	Gen. Session 6: Auralisation	Penelope Menounou; Marios Spyropoulos;	GS6
50	Stable Finite Element Formulation for the Perturbed Convective Wave Equation	Kaltenbacher Manfred	Gen. Session 19: Numerical and Computational Techniques	Kaltenbacher Manfred; Roppert Klaus; Schoder Stefan; Heinz Johannes;	GS19
51	A Virtual Source Method for the prediction of the sound field around rigid obstacles	Penelope Menounou	Gen. Session 3: Aeroacoustics	Penelope Menounou; Sryros Bougiesis; Yannis Kallinderis; Panos Antonellis;	GS3
52	Curves and empirical formulas for predicting the diffraction field caused by edges of finite length	Penelope Menounou	Gen. Session 21: Room and Building Acoustics	Penelope Menounou; Nikolaos Gkourlias; Petros Nikolaou;	GS21
53	Multilabel acoustic event classification for urban sound monitoring at a traffic intersection	Ester Vidaña-Vila	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Ester Vidaña-Vila; Dan Stowell; Joan Navarro; Rosa Ma Alsina-Pagès;	SS4
54	"The airport does what it wants to do anyways" – qualitative revisiting of the 4-factor model of fairness in the context of aviation research – first results of a focus group study	Dominik Hauptvogel	Gen. Session 27: Transportation Noise	Dominik Hauptvogel; Julia Quehl; Susanne Bartels; Tobias Rothmund;	GS27
55	Bayesian denoising of wind tunnel tests using background noise measurements – application to supersonic jet noise	Nicolas Aujogue	Gen. Session 3: Aeroacoustics	Nicolas Aujogue; Jérôme Antoni; Quentin Leclère; Emmanuel Julliard;	GS3
57	A high density network of low cost acoustic sensors based on wired and airborne transmission of spectral data	Ardouin Jérémy	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Ardouin Jérémy; Baron Jean-Claude; Charpentier Ludovic; David Ecotiere; Fortin Nicolas; Gontier Félix; Guillaume Gwenael; Mathieu Lagrange;	SS4
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60	Time domain analysis of vibrations induced by dynamic loads in tunnels	Carlos Albino	Gen. Session 31: Vibroacoustics, Isolation and Damping	Carlos Albino; Luís Godinho; Daniel Dias-da-Costa;	GS31
61	The synergetic effect of nocturnal road noise exposure and work-related stress on self-rated sleep quality	Susanne Bartels	Gen. Session 27: Transportation Noise	Susanne Bartels; Mikael Ögren; Kim Jeong-Lim; Sofie Fredriksson; Kerstin Persson Waye;	GS27
62	Analytical solution for diffraction by finite edges in frequency domain	Petros Nikolaou	Gen. Session 21: Room and Building Acoustics	Petros Nikolaou; Penelope Menounou;	GS21
63	Assessment of the low-frequency procedure in the field measurements of impact sound insulation	Mikko Kylliäinen	Gen. Session 21: Room and Building Acoustics	Mikko Kylliäinen; Lauri Talus; Jesse Lietzén; Pekka Latvanne; Ville Kovalainen;	GS21
64	A Research on the Evaluation and Usability of Mosque Gardens as Quiet Areas	Gulsen AKIN GULER	Struct. Session 3: Urban Sound Environment	Gulsen AKIN GULER; Asli Ozcevik Bilen;	SS3
65	A Meta-structure for Low-frequency Acoustic Treatment Based on a KDamper-Inertial Amplification Concept	Moris Kalderon	Struct. Session 7: Acoustic metamaterials	Moris Kalderon; Andreas Paradeisiotis; Ioannis Antoniadis;	SS7
66	Lattice Boltzmann simulations in a rectilinear cascade configuration for the turbulence-airfoil interaction noise evaluation and reduction through serrated leading edges	Martin Buszyk	Gen. Session 19: Numerical and Computational Techniques	Martin Buszyk; Thomas Le Garrec; Cyril Polacsek; Raphaël Barrier;	GS19
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69	Ultrasonic holograms to enhance hyperthermia volumes	Diana Andrés	Gen. Session 29: Ultrasonics	Diana Andrés; Jonathan Vappou; Noé Jiménez; Francisco Camarena;	GS29
70	Implementation and performance assessment of a MEMS-based Sound Level Meter	Kham Savanne	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Kham Savanne; Marmaroli Patrick; Minier Jordan; Boulandet Romain;	SS4
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73	Auditory perception and the subjective representation of time	Michael Haverkamp	Gen. Session 20: Psychological and Physiological Acoustics	Michael Haverkamp;	GS20
74	Development of an architectural acoustic study through a complete Open BIM workflow	Victor Díez Montenegro	Struct. Session 13: BIM in acoustics	Victor Díez Montenegro; Sebastien Agnolin; Pascal Ducruet;	SS13
76	Sound flanking transmission by curtain wall mullions	Medelfef Youcef	Gen. Session 21: Room and Building Acoustics	Medelfef Youcef; Midelet Christophe; BEN TAHAR Mabrouk; Lahbib Patrick;	GS21
77	European round robin test for the improvement of impact sound insulation of a vinyl floor covering	Arne Dijckmans	Struct. Session 10: Exp. and num. approaches for the characterisation of (building) struct. and mats	Arne Dijckmans; Lieven De Geetere;	SS10
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84	Acoustic performance of a CLT-based 3 floor building mockup	Catherine Guigou Carter	Struct. Session 11: Sound insulation of timber building	Catherine Guigou Carter; Jean-Luc Kouyoumji; Nicolas Balanant; Bertrand De Bastiani;	SS11
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88	Numerical Acoustic Modelling of Cross-Laminated Timber Elements	Sven Vallely	Struct. Session 17: Prediction of airborne and impact sound insulation	Sven Vallely; Stefan Schoenwald;	SS17
89	Latest results on the characterization of waste water pipes according to the draft EN 14366	Sven Öhler	Struct. Session 16: Characterisation of structure-borne sound sources	Sven Öhler; Bernd Kaltbeitzel;	SS16
91	PASSIVE EQUALIZER WITH VARIABLE RESONATOR RINGS FOR MUSICAL INSTRUMENTS	Lorenzo Bonoldi	Struct. Session 7: Acoustic metamaterials	Lorenzo Bonoldi; Gianluca Memoli; Abdelhalim Azbaid El Ouahabi;	SS7

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93	Urban sensor network for characterizing the sound environment in Lorient (France) through an automatic assessment of traffic, voice and bird presence ratios	Catherine Lavandier	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Catherine Lavandier; Pierre Aumond; Arnaud Can; Félix Gontier; Mathieu Lagrange; Gwendall Petit;	SS4
94	Multidimensional analysis to monitor the effects of COVID-19 lockdown on the urban sound environment of LorientMultidimensional analysis to monitor the effects of COVID-19 lockdown on the urban sound environment of Lorient	Pierre Aumond	Struct. Session 2: Acoustics of the lockdown	Pierre Aumond; Arnaud Can; Mathieu Lagrange; Félix Gontier; Catherine Lavandier;	SS2
96	Pile driving induced vibrations: prediction based on a time-domain nonlinear hyperelastic model	Tales Vieira Sofiste	Gen. Session 19: Numerical and Computational Techniques	Tales Vieira Sofiste; Luís Godinho; Pedro Alves Costa; Delfim Soares;	GS19
97	Performance evaluation of image reconstruction algorithms for photoacoustic tomography	I. Pi-Martín	Gen. Session 29: Ultrasonics	I. Pi-Martín; J.J. García-Garrigós; A. Cebrecos; N. Jiménez; F. Camarena;	GS29
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103	An acoustic impedance measurement technique using one cardioid microphone in a tube	Kazuma Hoshi	Struct. Session 9: Measurement of sound absorption	Kazuma Hoshi; Toshiki Hanyu;	SS9
104	A narrowband virtual sensing Active Noise Control system using ESPRIT for an aircraft interior	Erspamer A.	Gen. Session 2: Active Noise and Vibration Control	Erspamer A.; Mylonas D.; Yiakopoulos C.; Antoniadis I.;	GS2
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111	Learning the finite size effect for in-situ absorption measurement	Elias Zea	Struct. Session 9: Measurement of sound absorption	Elias Zea; Eric Brandao; Melanie Nolan; Joakim Anden; Jacques Cuenca; Peter Svensson;	SS9
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122	Improvement of city noise map production processes and sensitivity analysis to noise models inputs	Pierre Aumond	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Pierre Aumond; Erwan Bocher; David Ecotière; Nicolas Fortin; Benoit Gauvreau; Gwenaël Guillaume; Gwendal Petit;	SS4
123	Computational design applied to small room acoustics: creating and evaluating custom solutions	Valentijn Bors	Struct. Session 20: Parametric modelling and room acoustic simulation	Valentijn Bors; Sebastiaan Bors;	SS20
124	Noise immission level reduction during the lockdown considering four main noise sources with the greatest impact on the population	Sara Olivares	Struct. Session 2: Acoustics of the lockdown	Sara Olivares; Joan Cardona; Behshad Noori;	SS2
125	FDTD Simulation Study of Acoustic Enclosure Shape	Zackery Belanger	Struct. Session 20: Parametric modelling and room acoustic simulation	Zackery Belanger; Elizabeth Teret;	SS20
126	Assessment of reverberation perception in atrium spaces	Rozhin Naeemaee	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	Rozhin Naeemaee; Zühre Sü Gül;	SS19
127	Perfect broadband sound absorber metamaterial for noise reduction in a rocket launch	José M. Requena-Plens	Struct. Session 7: Acoustic metamaterials	José M. Requena-Plens; Rubén Picó; Víctor J. Sánchez-Morcillo; Noé Jiménez; Alejandro Cebrecos; Mara S. Escartí-Guillem;	SS7
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130	Capturing the spatial and temporal variability of urban noise: do low-cost sensors offer a step towards higher resolution noise monitoring?	Tatiana Alvares-Sanches	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Tatiana Alvares-Sanches; Patrick E. Osborne; Paul R. White; Calvin Jephcote; John Gulliver;	SS4
131	Comparison of measurement and prediction for acoustical treatments designed with Transfer Matrix Models	Rinaldi Petrolli	Struct. Session 9: Measurement of sound absorption	Rinaldi Petrolli; Artur Zorzo; Peter D'Antonio;	SS9
132	Generating Complex Reflective and Diffusive Geometries through Parametric Design	Laura C. Brill	Struct. Session 20: Parametric modelling and room acoustic simulation	Laura C. Brill; John T. Strong; Scott D. Pfeiffer; Marcus R. Mayell;	SS20
133	Dynamic stiffness assessment of rubberized bituminous mixtures	Gil-Abarca A.	Gen. Session 28: Tyre, Road and Rail Noise	Gil-Abarca A.; Vázquez V.F.; García-Hoz A.M.; Terán F.; Paje S.E;	GS28
135	Characterizing noise barriers: SOPRANOISE half-term progress report	Jean-Pierre Clairbois	Gen. Session 27: Transportation Noise	Jean-Pierre Clairbois; Massimo Garai; Paolo Guidorzi; Wolfram Bartolomaeus; Michael Chudalla; Fabio Strigari; Marco Conter; …;	GS27
136	A modal transfer matrix approach for the prediction of impact sound insulation	J. Vastiau	Struct. Session 17: Prediction of airborne and impact sound insulation	J. Vastiau; C. Van hoorickx; E. Reynders;	SS17
138	Spiraling waves and detection of phase singularities in objects immersed in inhomogeneous acoustic fields	Ludovic Alhaïtz	Struct. Session 6: Scattering control by sound diffusers and metamaterials	Ludovic Alhaïtz; Diego Baresch; Thomas Brunet; Christophe Aristégui; Olivier Poncelet;	SS6
139	Noise generation and propagation by biomimetic dynamic-foil thruster	Kostas Belibassakis	Gen. Session 30: Underwater Acoustics	Kostas Belibassakis; Iro Malefaki;	GS30
140	Parametric Acoustics: Design techniques that integrate modelling and simulation	Brady Peters	Struct. Session 20: Parametric modelling and room acoustic simulation	Brady Peters; John Nguyen; Randa Omar;	SS20
141	A detailed investigation on three-dimensional sound emittance of today's motorised vehicles in urban contexts	Marschner Holger	Struct. Session 3: Urban Sound Environment	Marschner Holger; Krimm Jochen; Techen Holger; Büdding Yvonne; Fiedler Ralf;	SS3
143	Measurement uncertainty and unicity of acoustic single number quantities in open-plan offices	Lucas Lenne	Struct. Session 5: Open-Plan Offices	Lucas Lenne; Patrick Chevret; Etienne Parizet;	SS5

144	Rapid Prototyping in Acoustics: Designing Sound Diffusive Panels with Rhino and Grasshopper for Robotic Fabrication	Anastasia Chatzikonstantinou	Struct. Session 20: Parametric modelling and room acoustic simulation	Anastasia Chatzikonstantinou; Karl Ostvall; Chase Gause; Pierre Chigot; Erling Nilsson;	SS20
145	Self-calibrating Acoustic Sensor Networks with Per-Channel Energy Normalization	Vincent Lostanlen	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Vincent Lostanlen;	SS4
146	An open BIM workflow for the prediction of sound insulation in timber constructions	Camille Châteauvieux-Hellwig	Struct. Session 13: BIM in acoustics	Camille Châteauvieux-Hellwig; Ulrich Schanda; Ekaterine Geladze; Fabian Schöpfer; Felix Frischmann; Andreas Rabold; Andreas Mayr;	SS13
147	Building structural impact response to Train pass-by and to MLS excitation	Robin WALTHER	Struct. Session 18: Ground-borne noise in buildings	Robin WALTHER; Abbes KACEM; Arthur LECLERC; Emmanuel THORAVAL; Nizar SAYAD;	SS18
148	Noise barriers as a road traffic noise intervention in an urban environment	Ablenya Grangeiro de Barros	Gen. Session 10: Environmental Noise Exposure	Ablenya Grangeiro de Barros; Navid Hasheminejad; Jarl K. Kampen; Steve Vanlanduit; Cedric Vuye;	GS10
149	Combined assessment of cognitive and physiological parameters in child-appropriate listening experiments	Karin Loh	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Karin Loh; Christoph Hoog Antink; Sophie Nolden; Janina Fels;	SS21
151	Acoustic properties of calcium silicate ducts used for ventilation and smoke extraction	Cyrille Demanet	Gen. Session 7: Community Noise	Cyrille Demanet; Emmanuel Annerel; Wilfried Piontkowski;	GS7
152	Eigenfrequency analysis of the vibrating horn in Ultrasonic Metal Welding	Elie Abi Raad	Gen. Session 29: Ultrasonics	Elie Abi Raad; Jose Maria Uribe; Michael Vorländer;	GS29
153	On the Acoustics of the Vianna da Motta Auditorium in Lisbon	Diogo Alarcão	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	Diogo Alarcão; Pedro Bello; Octávio Inácio;	SS19
154	Double Skin Façade for university building in Mexico located in a high noise area	Antonio Bautista Kuri	Gen. Session 21: Room and Building Acoustics	Antonio Bautista Kuri;	GS21
156	Numerical tyre impact model combining Finite Element and Boundary Element Methodologies	Miguel Fabra-Rodríguez	Gen. Session 28: Tyre, Road and Rail Noise	Miguel Fabra-Rodríguez; Ramón Peral-Orts; Héctor Campello-Vicente; Nuria Campillo-Davó; Francisco Javier Simón-Portillo;	GS28
157	Acoustic metamaterial for low frequency harmonic noise mitigation	Michal Kozupa	Struct. Session 7: Acoustic metamaterials	Michal Kozupa; Beata Kotra;	SS7
158	Effects of COVID-19 pandemic on the sound environment of the city of Milan, Italy: a comparison of the pre, during and post lockdown periods	Francesc Alías	Struct. Session 2: Acoustics of the lockdown	Francesc Alías; Rosa Ma Alsina-Pagès; Roberto Benocci; Fabio Angelini; Giovanni Zambon;	SS2
159	Changes in the characterization of newborn bird vocalisations during first 48-h of life-hours	Gerardo José Ginovart-Panisello	Gen. Session 5: Animal and Bioacoustics	Gerardo José Ginovart-Panisello; Silvia Riva; Tesa Panisello Monjo; Rosa Ma Alsina-Pages;	GS5
160	Low-frequency noise reduction by a noise barrier made of a resonator array	Jieun Yang	Gen. Session 16: Noise Control Materials	Jieun Yang; Maarten Hornikx;	GS16
161	Optimisation of railway noise barrier design using finite element and boundary element modelling methods	César Bustos	Gen. Session 19: Numerical and Computational Techniques	César Bustos; Vincent Jurdic; Calum Sharp; David Hiller;	GS19
162	From Quasi-Perfect to Broadband Sound Diffusion Using Metadiffusers	Eric Ballestero	Struct. Session 6: Scattering control by sound diffusers and metamaterials	Eric Ballestero; Noé Jiménez; Jean-Philippe Groby; Haydar Aygun; Stephen Dance; Vicent Romero-García;	SS6
163	Comparison of standard EN 12354 versions 2000 and 2017 applied to simulations of acoustic performance in buildings	Bárbara Fengler	Struct. Session 12: Development and application of EN ISO 12354 to national building techniques	Bárbara Fengler; Raquel Rossatto Rocha; José Carlos Giner;	SS12
164	Study on the convenience of performing façade insulation measurements using the low-frequency procedure in rooms with a volume above 25 m3	María Ángeles Navacerrada-Saturio	Gen. Session 21: Room and Building Acoustics	María Ángeles Navacerrada-Saturio; D. De la Prida; A. Pedrero; D. Caballol; A. Díaz-Chyla; J. Pinilla;	GS21
165	Space dynamics for work performance enhancement in open plan office	Hyun In Jo	Struct. Session 5: Open-Plan Offices	Hyun In Jo; Haram Lee; Beta Bayu Santika; Jin Yong Jeon;	SS5
167	Sharp and nonlinear cavitation mapping using synchronized sinesweep imaging	Enrique González-Mateo	Gen. Session 29: Ultrasonics	Enrique González-Mateo; Nathalie Lamothe; Noé Jiménez; Francisco Camarena;	GS29
168	Prediction of building noise and vibration – 3D finite element and 1D wave propagation models	Lutz Auersch	Struct. Session 18: Ground-borne noise in buildings	Lutz Auersch;	SS18
169	Noise annoyance from motorways is worse than annoyance from urban roads	Hans Bendtsen	Gen. Session 7: Community Noise	Hans Bendtsen; Torben Holm Pedersen;	GS7
170	Soundscape characterisation of two motorway service areas	Gianluca Memoli	Gen. Session 24: Soundscape	Gianluca Memoli; Letizia Chisari; Lara Ginevra Del Pizzo; Vincenzo Cirimele; Benedetto Carambia;	GS24
171	Parametric study of speech privacy in semi-enclosed meeting pods	Pantea Alambeigi	Struct. Session 20: Parametric modelling and room acoustic simulation	Pantea Alambeigi; Jane Burry;	SS20
172	The 'Teatro Principal' of Valencia. Acoustics for Theatre or Music. Objective evaluation supported by acoustic simulation	Pérez-Aguilar, Blanca	Gen. Session 21: Room and Building Acoustics	Pérez-Aguilar, Blanca; Quintana Gallardo, Alberto; Guillén Guillamón, Ignacio;	GS21

173	Elementary classroom acoustics: what really matters	Greta Minelli	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Greta Minelli; Giuseppina Emma Puglisi; Arianna Astolfi;	SS21
175	Noise levels evolution before, during and after the COVID19 Lockdown in Girona	Carme Martínez-Suquía	Struct. Session 2: Acoustics of the lockdown	Carme Martínez-Suquía; Pau Bergadà; Rosa Maria Alsina-Pagès;	SS2
176	Low barriers for Railway Noise installed at Basque Country. Experience of Euskal Trenbide Sarea in Ermua	Manuel VAZQUEZ	Gen. Session 28: Tyre, Road and Rail Noise	Manuel VAZQUEZ; Itziar ASPURU; FERNANDEZ, Pilar; LÓPEZ, Cristina; PEIRO, Pilar; TORRECILLA, Jesús;	GS28
177	Redirection of flexural waves in thin plates	Jose Sanchez-Dehesa	Struct. Session 7: Acoustic metamaterials	Jose Sanchez-Dehesa; Penglin Gao; Francisco Cervera	SS7
180	The limen of azimuth as a Function of Frequency and Interaural Level Difference	Guo Wenjing	Gen. Session 20: Psychological and Physiological Acoustics	Guo Wenjing; Wang Heng; Geng Yuxuan; Li Shuaifeng; Liu Jie;	GS20
182	Sound insulation performance of CLT prefabricated modules for high-rise buildings	Giacomo Vairetti	Struct. Session 11: Sound insulation of timber building	Giacomo Vairetti; Alfons Hartman; Yvo Pol; Diana de Krom;	SS11
183	Design of a low-cost sound measurement device with wifi connectivity	Pedro Atanasio-Moraga	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Pedro Atanasio-Moraga; Jaime Borrallo Rivera; Antonio Gordillo Guerrero; Juan Miguel Barrigón Morillas; David Montes González; Guillermo Rey Gozalo; Guillermo Rey Gozalo;	SS4
184	Tagging noise sources in offices through Machine-Learning techniques	Dario DOrazio	Struct. Session 5: Open-Plan Offices	Dario DOrazio; Domenico de Salvio; Massimo Garai;	SS5
185	A hybrid room acoustic approach for auralization	Wouter Wittebol	Gen. Session 21: Room and Building Acoustics	Wouter Wittebol; Maarten Hornikx;	GS21
188	Categorization of urban sound sources: A taxonomical framework based on diegesis and intention	Kivanc Kitapci	Struct. Session 3: Urban Sound Environment	Kivanc Kitapci; Dogukan Ozdemir;	SS3
190	Perception of the acoustic environment in the remote working setting during the lockdown	Giuseppina Emma Puglisi	Struct. Session 2: Acoustics of the lockdown	Giuseppina Emma Puglisi; Sonja Di Blasio; Louena Shtrepi; Arianna Astolfi;	SS2
191	An approach to improve railway rolling noise calculations in CNOSSOS-EU: Refinement and validation using TWINS calculations	Siddharth Venkataraman	Gen. Session 28: Tyre, Road and Rail Noise	Siddharth Venkataraman; Romain Rumpler; Siv Leth; Martin Toward; Tohmmy Bustad;	GS28
194	Sounds and noises during a period of the COVID-19 pandemic in Brazil	Poliana Lopes de Oliveira	Struct. Session 2: Acoustics of the lockdown	Poliana Lopes de Oliveira; E. Felipe Vergara; Gildean do Nascimento Almeida; Maria Lúcia da Rosa Oiticica; Jordana Teixeira da Silva; Elisabeth de Albuquerque Cavalcanti Duarte Gonçalves;	SS2
195	Examples of constraint-based specification of room acoustic parameters	Andor T. Fürjes	Gen. Session 21: Room and Building Acoustics	Andor T. Fürjes;	GS21
196	Effect of media coverage about airport changes on aircraft noise annoyance during an airport study	Sarah Benz	Gen. Session 10: Environmental Noise Exposure	Sarah Benz; Christin Belke; Dirk Schreckenberg;	GS10
197	Noise exposure at the place of residence is associated with atherothrombotic risk, in men but not in women. Findings from ENVI-MI (Environment and Myocardial Infarction) study.	Fred Mauny	Gen. Session 9: Effects of Sound and Vibration on Humans	Fred Mauny; Sophie Pujol; Nadine Bernard; Yves Cottin; Magali Koczorowski; Marianne Zeller; Maud Maza; Jean-Claude Beer; Frédéric Chagué;	GS9
198	Positioning sound absorption – a comparative study based on different calculation methods	Andor T. Fürjes	Gen. Session 21: Room and Building Acoustics	Andor T. Fürjes;	GS21
199	Wave-based room acoustic simulations of an open plan office	Huiqing Wang	Struct. Session 5: Open-Plan Offices	Huiqing Wang; Wouter Wittebol; Matthias Cosnefroy; Maarten Hornikx1; Remy Wenmaekers;	SS5
200	The role of noise annoyance for health-related effects of aircraft noise and recommendations for interventions	Sarah Benz	Gen. Session 10: Environmental Noise Exposure	Sarah Benz; Julia Kuhlmann; Barbara Ohlenforst; Susanne Bartels; Sonja Jeram; Dirk Schreckenberg;	GS10
201	Acoustic properties of several track types	Itziar Aspuru	Gen. Session 28: Tyre, Road and Rail Noise	Itziar Aspuru; Michael Dittrich; Manuel Vázquez; Alvaro Santander; Ana Leal; Marta Ruiz;	GS28
202	An experimental approach for estimating the impedance of elastic non-porous materials	Matthieu Hartenstein	Struct. Session 9: Measurement of sound absorption	Matthieu Hartenstein; Efren Fernandez-Grande; Vicente Cutanda-Henriquez;	SS9
203	Daumal method of auditory sensory tour, through the soundscapes of architecture and the city	Francesc Daumal I Domènech	Gen. Session 24: Soundscape	Francesc Daumal I Domènech; Joaquim Serrat Gonzalez;	GS24
204	Brazilian BIM Objects Standard- How to Deal with Acoustics?	Carolina Monteiro	Struct. Session 13: BIM in acoustics	Carolina Monteiro; Paola Weitbrecht; Cecilia Jardim;	SS13
205	Student activity and speech levels before and after acoustic enhancement and PA redesign	Domenico De Salvio	Struct. Session 21: Acoustic environments for children: design and effects on listening and learning	Domenico De Salvio; Dario D'Orazio; Massimo Garai;	SS21
206	AIRPORTS: A STUDY OF THE INFLUENCE OF SPECTRAL ADAPTATION TERMS ON THE SOUND INSULATION OF FACADES REINFORCEMENT	Sónia Monteiro Antunes	Gen. Session 21: Room and Building Acoustics	Sónia Monteiro Antunes; Jorge Patricio;	GS21
207	Validated translation into Portuguese of perceptual attributes for soundscape assessment	Sónia Monteiro Antunes	Gen. Session 24: Soundscape	Sónia Monteiro Antunes; Ranny Loureiro Xavier Nascimento Michalski; Maria Luiza de Ulhôa Carvalho; Sónia Alves;	GS24
208	How will ISO 22955 affect designs for open plan offices?	Jack Harvie-Clark	Struct. Session 5: Open-Plan Offices	Jack Harvie-Clark; Ethan Bourdeau; Patrick Chevret; Laurent Brocolini;	SS5
210	Performance of low height railway noise barriers	João Lázaro	Gen. Session 27: Transportation Noise	João Lázaro; Matheus Pereira; Pedro Alves Costa; Luís Godinho;	GS27
211	Oblique Incidence Sound Absorption of Parallel Arrangement of Thin Microperforated Panel (MPP)	Iwan Prasetiyo	Gen. Session 16: Noise Control Materials	Iwan Prasetiyo; Indra Sihar; Anugrah Sabdono Sudarsono;	GS16

212	Parametricising sound for early-stage design: An information design problem?	Nicole Gardner	Struct. Session 20: Parametric modelling and room acoustic simulation	Nicole Gardner; Matthias Haeusler; Daniel Yu;	SS20
214	Necessary adjustments in ISO 9613-2 and CNOSSOS (industries) methods for noise forecasting in Wind Farms	Vitor Rosão	Gen. Session 10: Environmental Noise Exposure	Vitor Rosão; Rui Leonardo; Pedro Santos;	GS10
216	Voice support from acoustically retroreflective surfaces	Densil Cabrera	Struct. Session 22: Room acoustic effect on voice and instruments	Densil Cabrera; Jonothan Holmes1; Shuai Lu1; Mary Rapp1; Manuj Yadav; Manuj Yadav;	SS22
217	Cyclists' Road Traffic Noise Exposure: Highlights of Bike-to-Work Noise Measurements Campaign under Corona Lockdown in a Danish City	Jibran Khan	Gen. Session 10: Environmental Noise Exposure	Jibran Khan; Franck Bertagnolio; Ole Hertel;	GS10
218	On the Estimation of Directional Decay Times in Reverberation Rooms	Marco Berzborn	Struct. Session 9: Measurement of sound absorption	Marco Berzborn; Jamilla Balint; Michael Vorländer;	SS9
224	Cultural Soundscape Evaluation on Re-functionalized Historical Sites with Adaptive Reuse Approach: Ankara Citadel Case	Papatya Nur DÖKMECİ YÖRÜKOĞLU	Struct. Session 3: Urban Sound Environment	Papatya Nur DÖKMECİ YÖRÜKOĞLU; Zehra Gediz URAK; Uğur Beyza ERÇAKMAK OSMA;	SS3
225	Numerical modelling of structural vibration with piece-wise constant material properties using the nodal discontinuous Galerkin method	Indra Sihar	Gen. Session 19: Numerical and Computational Techniques	Indra Sihar; Jieun Yang; Maarten Hornikx;	GS19
226	Applications of Machine Learning Bounding-Breps for Optimised Acoustical Reflectors	John O'Keefe	Struct. Session 20: Parametric modelling and room acoustic simulation	John O'Keefe;	SS20
228	A Study on Noise Exposure in School Environments	Francesco Asdrubali	Gen. Session 9: Effects of Sound and Vibration on Humans	Francesco Asdrubali; Claudia Guattari; Lucia Busa; Sergio Luzzi; Paola Pulella; Franco Cotana; Michele Goretti; Piergiovanni Domenighini;	GS9
229	Acoustic comfort contribution to the overall indoor environmental quality in workplaces	Silvia Fasano	Struct. Session 23: Session for MSc students of architect. and civil engng. present. their thesis	Silvia Fasano; Virginia Isabella Fissore; Giuseppina Emma Puglisi; Louena Shtrepi; Giorgia Spigliantini; Arianna Astolfi;	SS23
231	The influence of room acoustic parameters on the impression of orchestral blending	Jithin Thilakan	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	Jithin Thilakan; Otavio Colella Gomes; Malte Kob;	SS19
232	Investigation of acoustical phenomenon in atria covered by structural glass roof	Richard Simek	Struct. Session 23: Session for MSc students of architect. and civil engng. present. their thesis	Richard Simek; Vojtech Chmelík;	SS23
233	Sentinel: Versatile real-time acoustic autonomous monitoring system for studying natural soundscape	Damian Payo	Gen. Session 24: Soundscape	Damian Payo; Lucas E. Gonzalez2; Pablo Kogan; Manuel C. Eguia;	GS24
234	Low-cost noise monitoring: STEM education as a medium to collect population based noise exposure data	Luc Dekoninck	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Luc Dekoninck;	SS4
235	Modeling the edge effect for inverse determination of porous absorbers using feed forward neural networks	Mark Müller-Giebeler	Struct. Session 9: Measurement of sound absorption	Mark Müller-Giebeler; Michael Vorländer;	SS9
237	Vibroacoustic analysis of composite thin fiberglass plate	Haydar Aygun	Gen. Session 31: Vibroacoustics, Isolation and Damping	Haydar Aygun;	GS31
239	Acoustic properties of high-capacity asphalt mixtures with alternate grain size	Jesús Carbajo-San-Martín	Gen. Session 16: Noise Control Materials	Jesús Carbajo-San-Martín; P. Poveda; J. Ramis; D. Ortega; G. Motos; J. López; J. M. Berenguer;	GS16
240	Materials for simultaneous acoustic insulation and conditioning	Jesús Alba	Gen. Session 16: Noise Control Materials	Jesús Alba; Juan C. Rodríguez1; Romina del Rey; Mª Cruz Grau; Ignacio Ramón2;	GS16
241	Acoustic treatment for a radio studio at the Escola Politècnica Superior de Gandia (Polytechnic School of Gandia)	Jesús Alba	Gen. Session 21: Room and Building Acoustics	Jesús Alba; Juan C. Rodríguez1; Gema Gonzalez; Maria Balagué; Maria Cruz Grau; Ignacio Ramon;	GS21
242	The soundscape of the Kościeliska Valley in the Tatra National Park – case study	Dorota Czopek	Gen. Session 24: Soundscape	Dorota Czopek; Katarzyna Sochaczewska; Jerzy Wiciak;	GS24
243	Determining the origin of impulsive noise events using paired wireless sound sensors	Fabian Nemazi	Struct. Session 4: Low-cost sensor networks for noise mon. and advanced charact. of urban sound env.	Fabian Nemazi; Jon Nordby;	SS4
244	Hybrid Fourier pseudospectral/discontinuous Galerkin time-domain method for urban sound propagation in a moving atmosphere	Matthias Cosnefroy	Gen. Session 19: Numerical and Computational Techniques	Matthias Cosnefroy; Maarten Hornikx;	GS19
245	Investigating noise disturbance in open-plan offices using measurements of the room acoustics, and of the sound environment during occupancy	Manuj Yadav	Struct. Session 5: Open-Plan Offices	Manuj Yadav; Densil Cabrera; Jungsoo Kim; James Love; Jonothan Holmes; Janina Fels; Richard de Dear;	SS5
247	Office noise reduces work performance – A tool to assess the payback time of room acoustic investments	Valtteri Hongisto	Struct. Session 5: Open-Plan Offices	Valtteri Hongisto;	SS5

	Title	Presenter	Session	Authors	Code
249	Remote Evaluation of Impulse Signals in Refrigerators Using Psychophysical Models	Henrique Silveira	Gen. Session 25: Sound Quality	Henrique Silveira; Erasmo Felipe Vergara;	GS25
250	Round robin study of a reference sample for PU in-situ sound absorption characterization	Fanyu Meng	Struct. Session 9: Measurement of sound absorption	Fanyu Meng; Dani Fernandez;	SS9
251	How does the choice of the sound reproduction system affect the perceptual evaluation of impact sound insulation?	Dominik Kisić	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	Dominik Kisić; Marko Horvat; Vedran Planinec; Kristian Jambrošić;	SS19
252	Challenges on level calibration of online listening test: a proposed subjective method	Léopold Kritly	Gen. Session 20: Psychological and Physiological Acoustics	Léopold Kritly; Vincent Basecq; Christ Glorieux; Monika Rychtáriková;	GS20
253	BIM Process for acoustic problems	Costantino Carlo Mastino	Struct. Session 13: BIM in acoustics	Costantino Carlo Mastino; Antonino Di Bella; Luca Barbaresi; Giovanni Semprini; Andrea Frattolillo;	SS13
255	Influence of the COVID-19 mask on speech	Poveda-Martínez, Pedro	Gen. Session 20: Psychological and Physiological Acoustics	Poveda-Martínez, Pedro; Carbajo-San-Martín, Jesús; Marco-Montejano, Alejandro; Castillo-Ginés, Ana B; Bleda-Pérez, Sergio; Ramis-Soriano, Jaime;	GS20
257	Natural sonic crystal absorber constituted of Aegagropilae fiber network	Laurianne Barguet	Struct. Session 7: Acoustic metamaterials	Laurianne Barguet; Vicente Romero-García; Noé Jiménez; Luís M. Garcia-Raffi; Victor J. Sánchez-Morcillo; Jean-Philippe Groby;	SS7
258	On the use of audible sound from modulated ultrasound in indoor spaces	David Ortega	Struct. Session 19: Objective and perceptual evaluation of sound fields in indoor and outdoor spaces	David Ortega; Carbajo-San-Martín, Jesús; Poveda-Martínez, Pedro; Ramis-Soriano, Jaime;	SS19
262	Ranking Industrial Noise Sources with Noise Mapping and Beamforming Techniques	Luís Conde Santos	Gen. Session 10: Environmental Noise Exposure	Luís Conde Santos;	GS10
263	Predicting structure-borne sound in buildings due to outdoor ground vibration: what can be used from the European standards predicting the acoustic performances of buildings?	Michel Villot	Struct. Session 18: Ground-borne noise in buildings	Michel Villot;	SS18
264	Application of nonlinear wave modulation and break of reciprocity principle to assess corrosion-induced cracking in steel-reinforced concrete	Marina Miró	Gen. Session 18: Non-linear Acoustics	Marina Miró; J.N. Eiras; Poveda-Martínez, Pedro; M. Á Climent; Ramis-Soriano, Jaime;	GS18
266	Uncertainty quantification of diffuse sound insulation values	Edwin Reynders	Struct. Session 17: Prediction of airborne and impact sound insulation	Edwin Reynders; Cédric Van hoorickx;	SS17
267	Digital Recontruction of a Baroque Soundscape: The church of Sant'Ignazio di Loyola (1626), Rome	Barbe Dumoulin	Struct. Session 23: Session for MSc students of architect. and civil engng. present. their thesis	Barbe Dumoulin; Yannick Sluyts; Prof. Krista De Jonge; Monika Rychtáriková;	SS23
268	The effect of mask wearing on speech intelligibility in various architectural environments in schools	TingChun Lee	Struct. Session 23: Session for MSc students of architect. and civil engng. present. their thesis	TingChun Lee; Yannick Sluyts; Daniel Urban; Monika Rychtáriková;	SS23
269	Acoustic Comfort Evaluation Based on Architectural Aspects in Atria	Majid Lavasani	Struct. Session 23: Session for MSc students of architect. and civil engng. present. their thesis	Majid Lavasani; Yannick Sluyts; Daniel Urban; Monika Rychtáriková;	SS23
270	Feedback impedance control for sound absorption with corona discharge actuator	Stanislav Sergeev	Gen. Session 2: Active Noise and Vibration Control	Stanislav Sergeev; Hervé Lissek;	GS2
274	Sound quality objective evaluation of electric and combustion engine cars	Angelia Oktaviani Purnomo	Gen. Session 27: Transportation Noise	Angelia Oktaviani Purnomo; Calista Talita; Sugeng Joko Sarwono; Anugrah Sabdono Sudarsono;	GS27
277	Sound quality assessment: comparison of in-situ and on-line experiments	Parizet Etienne	Gen. Session 25: Sound Quality	Parizet Etienne; Dorian Grappe; Chaouki Benzekri; Clément Coppel;	GS25
278	Evolutionary Optimization Processes For Acoustic Applications Where Size Matters	Daniel Benítez-Aragón	Gen. Session 21: Room and Building Acoustics	Daniel Benítez-Aragón; Jaime Galiana-Nieves; Juan Manuel Herrero; Javier Redondo;	GS21
280	On the use of a variable acoustic solution with perforated panels for a multi-purpose auditorium	Andreia Pereira	Gen. Session 21: Room and Building Acoustics	Andreia Pereira; Gaspar A.; Godinho L.; Amado Mendes P.; Mateus D.; Carbajo J.; Ramis J.; Poveda P.;	GS21
282	Detection of high moisture content in multilayered timber elements by means of non-destructive imaging techniques	Federica Morandi	Gen. Session 31: Vibroacoustics, Isolation and Damping	Federica Morandi; Andrea Gasparella; Massimo Garai; Nicolas Quaegebeur; Patrice Masson;	GS31
283	Acoustic signatures of ships and their inclusion in underwater traffic noise prediction models.	Michael Taroudakis	Gen. Session 30: Underwater Acoustics	Michael Taroudakis; Emmanuel Skarsoulis;	GS30
285	Development of a virtual auditorium occupied with virtual manikins used in thermo-acoustic evaluation	Eusébio Conceição	Gen. Session 19: Numerical and Computational Techniques	Eusébio Conceição; Mª Inês L. Conceição; Mª Manuela J. R. Lúcio; João M. M. Gomes; Hazim B. Awbi;	GS19