

#	Title	Presenter	Presenter Institution	Topic
1	Numerical investigation of noise generation by rod-airfoil configuration using DES (SU2) and the FW-H analogy	Sharma, Sparsh	Brandenburg University of Technology	A/FDI-01
2	Aerofoil trailing edge self-noise reduction by surface treatment add-on	Schroeder, Edvard	Brunel University London	A/FDI-01
3	Fundamental Studies of the Mechanisms of Pressure Shielding	Gonzalez, Alexander	Florida Atlantic University	A/FDI-01
4	Resolvent analysis applied to acoustic analogies	Abreu, Leandra	Technological Institute of Aeronautics (ITA)	A/FDI-01
5	Applications of an Iterative Wiener-Hopf Method to Aeroacoustics	Priddin, Matthew	University of Cambridge	A/FDI-01
6	Effect of Leading-Edge Serrations on Trailing-Edge-Bluntness Vortex-Shedding Noise Radiation	Hasheminejad, Seyed Mohammad	Brunel University London	A/FDI-02
7	On the Double-Rooted Trailing Edge Serration	Woodhead, Philip	Brunel University London	A/FDI-02
8	Experimental Investigation of Novel Porous-serrated Treatments on Airfoil Trailing Edge Noise Reduction	Jiang, Chaoyang	University of New South Wales	A/FDI-02
9	On the spatial-temporal development of synthetic turbulent boundary layer on a serrated trailing edge	Juknevičius, Auris	Brunel University London	A/FDI-03
10	3D-printed Perforated Trailing Edges for Broadband Noise Abatement	Rubio Carpio, Alejandro	Delft University of Technology	A/FDI-03
11	Trailing edge noise reduction using porous treatments	Showkat Ali, Syamir	University of Bristol	A/FDI-03
12	An analytical model for the prediction of airfoil cascade-turbulence interaction noise	Zhong, Siyang	The Hong Kong University of Science and Technology	A/FDI-04
13	Numerical and analytical investigations of the effect of the streamwise disturbance on the airfoil-anisotropic turbulence interaction noise	Zhong, Siyang	Hong Kong University of Science and Technology	A/FDI-04
14	Compressible turbulence porous-fluid coupling solver for noise reduction study of porous material coating	Li, Zhiyong	Southern University of Science and Technology	A/FDI-04
19	On the Strouhal Number Dependence of Turbulence Convection in a Wake-Airfoil Interaction	Herlan, Jonathan		A/FDI-05
20	Turbulent flow interaction with a circular cylinder	Azarpeyvand, Mahdi	University of Bristol	A/FDI-05
28	Assymetric Improvement by a Shear Flow of the Absorption of an Acoustic Wall	Saverna, Charlotte	University of Le Mans	A/FDI-05
21	Determining Unsteady Aerodynamic Lift due to Turbulent Flow about Elastic Airfoils with Thick, Wavy Leading Edges	Anderson, Jason	Naval Surface Warfare Center	A/FDI-06
22	Acoustic scattering by laminated plates with viscoelastic layers	Nilton, Maurício	Technological Institute of Aeronautics (ITA)	A/FDI-06
23	The Unified Transform: A Spectral Collocation Method for Acoustic Scattering	Ayton, Lorna	University of Cambridge	A/FDI-06
24	A Semi-analytic and Experimental Study of Porous Leading Edges	Priddin, Matthew	University of Cambridge	A/FDI-07
27	Effect of Surface Roughness on Boundary Layer Transition and Far Field Noise	Ye, Qingqing	Delft University of Technology	A/FDI-07
15	Experimental study on the far field acoustic characteristics of a NACA0012 airfoil with rime ice on the leading edge	Xiao, Chunhua	China Aerodynamics Research and Development Center (CARDRC)	A/FDI-09
16	An investigation of the facility effects on NACA0012 airfoil tonal noise	Arcondoulis, Elias	Southern University of Science and Technology	A/FDI-09
17	An Experimental Investigation on the Mechanism of Tollmien-Schlichting Waves for a NACA 0012 Aerofoil	Zang, Bin	University of Bristol	A/FDI-09
29	Experimental investigations of the sound emission of axial fans under the influence of suction-side heat exchangers	Czwielong, Felix	University of Erlangen-Nürnberg	A/FDI-10

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30	Experimental Investigation of Aerodynamic and Acoustic Characteristics of a Flapping Wing Micro-Air-Vehicle	Deng, Shuanghou	Northwestern Polytechnical University	A/FDI-10
31	An Experimental Investigation of Propeller Noise in Forward Flow	Celik, Alper	University of Bristol	A/FDI-10
32	Towards digital noise certification of serrated wind turbines	van der Velden, Wouter	Dassault Group	A/FDI-11
33	Investigation of slat noise on high-lift configuration using active backscatter model in LES	Heitmann, Dirk	German Aerospace Center (DLR)	A/FDI-11
34	Numerical Investigation of the Effect of various High-Speed Train Roof Configurations on Aerodynamic Noise	Kim, Hogun	University of Southampton	A/FDI-11
35	Modelling Pressure Distribution on Porous Airfoils Using Conformal Mapping	Luesutthiviboon, Salil	Delft University of Technology	A/FDI-12
36	The internal and external flow fields of a structured porous coated cylinder and implications on flow-induced noise	Arcondoulis, Elias	Southern University of Science and Technology	A/FDI-12
37	Experimental Investigation of Airfoil Turbulence-Impingement Noise Reduction Using Porous Treatment	Zamponi, Riccardo	von Kármán Institute for Fluid Dynamics	A/FDI-12
38	Prediction of the onset of sound amplification at shear layers using linear stability analysis	Karlsson, Mikael	Escenda Engineering AB	A/FDI-13
39	Effect of aspect ratios on flow and noise from cuboids	Wang, Yanan	University of Southampton	A/FDI-13
40	Aeroacoustic formulation for flow-acoustic feedback	Kaltenbacher, Manfred	Technical University of Vienna	A/FDI-13
41	Effects of Wall modifications on pressure oscillations in high-subsonic and supersonic flows over rectangular cavities	Mancini, Simone	Airbus	A/FDI-14
42	Rectangular Cavity Flow Noise Suppression Using Chevron Treatment to the Front Edge at Subsonic Speeds	Zhao, Kun	China Aerodynamics Research and Development Center (CARD C)	A/FDI-14
43	Computational Fluid Dynamics and Proper Orthogonal Decomposition based control of flow over supersonic cavities	Gelisli, Asena	TOBB University of Economics and Technology	A/FDI-14
44	Experimental Investigation on the Aeroacoustics of Circular Cylinders Covered with Metal Foam	Liu, Fan	Beihang University	A/FDI-15
46	Optical Measurements of the Linear Sound-Flow Interaction above a Corrugated Plate	D'Elia, Massimo Emiliano	University of Le Mans	A/FDI-15
47	Numerical prediction of thermoacoustic instabilities in a three-dimensional swirled combustor	Na, Wei	Royal Institute of Technology (KTH)	A/FDI-16
48	Flame/flow Dynamics in a Multi-nozzle Gas Turbine Model Combustor Under Thermo-acoustically Unstable Condition	Ruan, Can	Shanghai Jiao Tong University	A/FDI-16
49	Aerodynamic noise of large-scale vortex ring produced by explosion in cylindrical chamber	Kopiev, Victor	TsAGI	A/FDI-16
50	Leveraging Surface Aeroacoustic-Structural Interaction for Airfoil Tonal Noise Reduction — A Parametric Study	Arif, Irsalan	Hong Kong Polytechnic University	A/FDI-17
51	Circular Cylinder Wake and Noise Control Using DBD plasma Actuator	Al-Sadawi, Laith	University of Technology	A/FDI-17
88	Experimental investigation on aerodynamic noise characteristics of slat deflection rotating around a fixed axis	Geng, Xin	Beihang University	A/HLN-01
89	Experimental Investigation of Slat Noise Attenuation with Trailing Edge Bending Deformation	Liu, Yuan		A/HLN-01
90	Experimental Study on Comparison on Noise Characteristics of Noise Reduction Leading-edge Slats	Lu, Weishuang	Beihang University	A/HLN-01
91	A Study on the 3D Effects of Slat Cove Fillers	Reis, Danillo	Embraer	A/HLN-01
92	Slat Noise Simulation on Unstructured Grid with Reduced Dissipation Approach	Sakai, Ryotaro	Japan Aerospace Exploration Agency (JAXA)	A/HLN-01

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93	Predictions of Slat Noise from the 30P30N at High Angles of Attack using Zonal Hybrid RANS-LES	Housman, Jeffrey	NASA Ames Research Center	A/HLN-02
94	Aeroacoustic Performance of High-lift Airfoil with Slat Cove Fillers	Kamliya Jawahar, Hasan	University of Bristol	A/HLN-02
95	Numerical Investigation of High-lift Airfoil Fitted with Slat Cove Filler	Kamliya Jawahar, Hasan	University of Bristol	A/HLN-02
96	Aeroacoustic prediction of three-element high-lift airfoil using a grey-area enhanced DES model	Fuchs, Marian	Technische Universitaet Berlin	A/HLN-03
97	Numerical Simulation of Slat Noise of High-Lift Devices Using Immersed Boundary Method on Unstructured Meshes	Kozubskaya, Tatiana	Russian Academy of Sciences	A/HLN-03
98	Assessment of Aeroacoustic Simulations of the High-Lift Common Research Model	Lockard, David	NASA Langley Research Center	A/HLN-03
99	Noise Reduction of Regional Jet Two-Wheel Main Landing Gear	Ito, Yasushi	Japan Aerospace Exploration Agency (JAXA)	A/HLN-04
100	Wavelet-Based Separation Methods Assessment on the Near Pressure Field of a Landing Gear Subcomponent	Hajczak, Antoine	ONERA	A/HLN-04
101	Intersected Octree Conformal Grid Strategies for Applications to Aeroacoustic Computations of the LAGOON, Landing Gear Model, Using the CEDRE Unstructured Flow Solver	Vuillot, Francois	ONERA	A/HLN-04
105	Experimental Investigation of Acoustical Coupling Effects between Cavity Flow and Cross Cylinder Wake	Guo, Hao	Beihang University	A/HLN-05
106	Numerical study on coupling effect of landing gear and cavity noise	Guo, Zhifei	Beihang University	A/HLN-05
107	Validation of Noise Reduction Design for Landing Gear in the FQUROH Flight Demonstration Project	Ueno, Yosuke	Kawasaki Heavy Industries, Ltd.	A/HLN-05
108	Effect of cross-section on flow three-dimensionality for prismatic bodies and the associated noise emission	Pinto, Wagner	Institut Pprime	A/HLN-06
109	Influence of cross-section on the aeolian tone: a numerical study in the laminar regime	Pinto, Wagner	Institut Pprime	A/HLN-06
110	Aeroacoustic Characteristics of a NACA 0012 Airfoil for Attached and Stalled Flow Conditions	Mayer, Yannick	University of Bristol	A/HLN-06
111	Airframe Noise Prediction Using Navier-Stokes Code with Cartesian and Boundary-fitted Layer Meshes	Ueno, Yosuke	Kawasaki Heavy Industries, Ltd.	A/HLN-07
112	High Frequency Scattering in Rotational Flow	Baker, David	University of Cambridge	A/HLN-07
113	Lattice-Boltzmann and Navier-Stokes Simulations of the Partially Dressed, Cavity-Closed Nose Landing Gear Benchmark Case	Hou, Yu	University of Southampton	A/HLN-07
114	Airframe Noise Reduction for a Wing-flap Configuration Using DBD Plasma Actuators	Wasala, Sahan		A/HLN-08
115	Computational Analysis of Noise Reduction Results for Flap Side-edges in the FQUROH Flight Demonstration Project	Murayama, Mitsuhiro	Japan Aerospace Exploration Agency (JAXA)	A/HLN-08
116	Component-based model for Flap Noise Prediction	Filippone, Antonio	University of Manchester	A/HLN-08
102	Effect of sweep angle and of wall-pressure statistics on the free-field directivity of airfoil trailing-edge noise	Grasso, Gabriele	École Centrale de Lyon	A/HLN-09
103	On Aircraft Trailing Edge Noise	Guo, Yueping	NEAT Consulting	A/HLN-09
104	An Experimental Study on the Reduction of Airfoil Trailing-edge Noise Using a Single-Leg Spiral Array in an Anechoic Wind Tunnel	Qiao, Weiyang	Northwestern Polytechnical University	A/HLN-09
117	Experimental Study on Noise Reduction Using Brush-Serrated Trailing Edges	Wang, Yong	China Aerodynamics Research and Development Center (CARD C)	A/HLN-10
118	An experimental investigation of the effect of owl-inspired velvety coating on trailing edge noise	Zhou, Peng	HKUST	A/HLN-10

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119	Effects of non-uniform permeability on vortex shedding and noise control of blunt trailing edge	Liu, Hanru	Northwestern Polytechnical University	A/HLN-10
120	Numerical Analysis of Metal-Foam Application for Trailing Edge Noise Reduction	Teruna, Christopher	Delft University of Technology	A/HLN-11
122	Uniform Suction for the Reduction of the Trailing-Edge Noise	Szoke , Máté	University of Bristol	A/HLN-11
123	Trailing Edge Noise Prediction of Wind Turbine Airfoils: A Benchmark Exercise	Ferret Gasch, Oriol	Siemens	A/HLN-12
124	Numerical Study of 3-D Finlets Using RANS CFD for Trailing Edge Noise Reduction	Shi, Yuejun	University of California, Davis	A/HLN-12
125	Serrated leading-edge and trailing-edge noise prediction models for realistic wavenumber frequency spectra	Lyu, Benshuai	University of Cambridge	A/HLN-12
126	Prediction of Noise Mitigation by Porous Media based on a Direct-Hybrid CFD/CAA Method	Satcunanathan, Sutharsan	RWTH Aachen University	A/HLN-13
127	Reduction of vortex shedding noise from finite, wall-mounted, circular cylinders using porous material	Geyer, Thomas	Technical University of Brandenburg	A/HLN-13
128	Adjoint-based Broadband Noise Minimization using Stochastic Noise Generation	Zhou, Beckett Yx	Technical University of Kaiserslautern	A/HLN-13
129	Flow-induced Sound of Wall-Mounted Finite Square Cylinder with the Change of Angles of Attack	Liu, Peiqing	Beihang University	A/HLN-14
130	Airfoil-Turbulence Interaction Noise Source Identification and its Reduction by Means of Leading Edge Serrations	Bampanis, Georgios	École Centrale de Lyon	A/HLN-14
131	Experimental study of the unsteady aerodynamic loading for a tandem cylinder configuration	Azarpeyvand, Mahdi	University of Bristol	A/HLN-14
132	On Acoustic Signature of a Conceptual Airfoil Design with Leading-Edge Embedded Cross-Flow Fan	Golubev, Vladimir	Embry-Riddle Aeronautical University	A/HLN-15
133	Aerodynamic and Aeroacoustics Optimization Design of Multi-Element Airfoil by a Genetic Algorithm	Bai, Baohong	Tsinghua University	A/HLN-15
134	Low-Order Aeroacoustic Prediction of Low-Speed Axial Fan Noise	Zarri, Alessandro	von Kármán Institute for Fluid Dynamics	A/HLN-15
53	Passive and active methods to control the aeroacoustic noise generated by elliptical cylinders for automotive applications	Massarotti, Mauricio	University of Campinas	ACNVF-01
54	Real-Time Estimation in a Turbulent Jet Using Multiple-Input-Multiple-Output Transfer Functions	Maia, Igor	National Center for Scientific Research (CNRS)	ACNVF-01
55	Sinusoidal Approximation Active Control for Combustion Oscillation	Liu, Yunpeng	Nanjing University of Aeronautics and Astronautics	ACNVF-01
56	Towards High-fidelity Analysis of Noise Radiation and Control of Propeller-driven UAV	Mankbadi, Reda	Embry-Riddle Aeronautical University	ACNVF-02
57	Plasma-based active closed-loop control of instability waves in unexcited turbulent jet. Part 1. Free jet.	Faranosov, Georgy	TsAGI	ACNVF-02
58	Plasma-based active closed-loop control of instability waves in unexcited turbulent jet. Part 2. Installed jet.	Kopiev, Victor	TsAGI	ACNVF-02
59	Leading-edge Serrations for Noise Control from Tandem Airfoil Configuration	Vemuri, SH Sankarasarma	University of Bristol	ACNVF-03
60	Laboratory scale testing of ignition overpressure for space vehicle launch pad environments	Tinney, Charles	University of Texas, Austin	ATT-01
61	Experimental Study of the Frequency Response of Semi-Infinite Line Probes	Sinha, Swarna	Honeywell International, Inc.	ATT-01
62	High-resolution Acoustical Imaging for Rotating Acoustic Source Based on Compressive Sensing Beamforming	Bu, Huanxian	Hong Kong University of Science and Technology	ATT-01
63	Measurements of the Effects of Array Pattern Size and Windscreen Material on the Performance of a Wall-mounted Phased Microphone Array in a Hard-wall	Horne, William	NASA Ames Research Center	ATT-01

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	Wind Tunnel Using Enhanced In-flow Reference Sources			
64	Acoustic Location by Tomographic Reconstruction	Tuinstra, Marthijn	Royal Netherlands Aerospace Centre (NLR)	ATT-01
65	Aircraft Characterization with Ground Boards and Inverted microphones	Mobley, Frank	Air Force Research Laboratory	ATT-02
66	Design and performance of an acoustic transparent window	van Bokhorst, Evelien	Royal Netherlands Aerospace Centre (NLR)	ATT-02
67	Detection and Visualization of Fan Noise Sources and Excited Modes in a Circular Duct	Herold, Gert	Technical University of Berlin	ATT-02
68	Aeroacoustic measurements with an anechoic cylindrical support for microphone arrays	Bassetti, Alessandro	German Aerospace Center (DLR)	ATT-03
69	Design of a Kevlar-Walled Test Section with Dynamic Turntable and Aeroacoustic Investigation of an Oscillating Airfoil	Mayer, Yannick	University of Bristol	ATT-03
70	Effect of turbulent boundary layer induced coherence loss on beamforming measurements in industrial scale wind tunnel tests	Biesheuvel, Julian	University of Twente	ATT-03
71	Comparison of In-Duct Phased Array Measurements	Schuster, William	Honeywell International, Inc.	ATT-04
72	Installed jet noise source analysis by microphone array processing	Davy, Renaud	ONERA	ATT-04
73	Beamforming and other methods for denoising microphone array data	Sijtsma, Pieter	PSA3	ATT-04
76	Performance of the Matrix Pencil algorithm in direct impedance reduction of liners: some numerical experiments	Humbert, Thomas	University of Le Mans	ATT-05
77	Improvements to the array reduction method for acoustic beamforming array designs	Arcondoulis, Elias	Southern University of Science and Technology	ATT-05
78	Filtered Rayleigh Scattering for Velocity and Temperature Measurements of a Heated Supersonic Jet with Thermal Non-Uniformity	Saltzman, Ashley	Virginia Polytechnic Institute and State University	ATT-05
79	A Method of Wall Interference Correction for Kevlar Wall Test Section	Ura, Hiroki	Japan Aerospace Exploration Agency (JAXA)	ATT-06
81	Flight Test Methodology for NASA Advanced Inlet Liner on 737MAX-7 Test Bed (Quiet Technology Demonstrator 3)	Wong, Jackie	The Boeing Company	ATT-06
87	An improved phased array method for estimating free-field engine core noise spectra from measurements on short cowl engines	Tester, Brian	University of Southampton	ATT-06
82	A study of shear-layer corrections and a tensioned fabric wall for the localization of sound sources in wind tunnel	Zhang, Jun	China Aerodynamics Research and Development Center	ATT-07
83	Analysis of the influence of inflow distortions on turbofan rotor noise	Siller, Henri	German Aerospace Center (DLR)	ATT-07
84	A modified eigenvalue background noise removal method applied on several numerical and experimental test cases	Fischer, Jeffrey	University of New South Wales	ATT-07
74	Determining Spectra of Aeroacoustic Sources from Microphone Array Data	Dougherty, Robert	OptiNav, Inc.	ATT-08
85	Advancements in the source localization method SODIX and application to short cowl engine data	Oertwig, Sebastian	German Aerospace Center (DLR)	ATT-08
86	Comparison of microphone array denoising techniques and application to flight test measurements	Dinsenmeyer, Alice	University of Lyon	ATT-08
75	An experimental and numeric investigation towards a reliable acoustic pressure level estimate using phased-array techniques	Caldas, Luciano	University of São Paulo	ATT-09
144	Evaluation of the Lattice Boltzmann Method for Aero-acoustic Simulations of Industrial Air Systems	Bocquet, Sebastien	CSSI	CAA-01

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146	Investigating the Numerical Stability of a Time-Domain Boundary Integral Equation with Impedance Boundary Condition for Simulating Sound Absorption of Lined Bodies	Rodio, Michelle	Old Dominion University	CAA-01
188	Optimized Runge-Kutta (LDDRK) schemes with non-constant-amplitude waves	Brambley, Edward	University of Warwick	CAA-01
148	A Hybrid RANS/LES for Automotive Gap Noise Simulations	Erbig, Lars	Daimler AG	CAA-02
149	Comparison of GPU CABARET, RANS and RANS/ILES High Resolution Method Solutions for the CoJen Jet Noise Experiment	Karabasov, Sergey	Central Institute of Aviation Motors	CAA-02
150	Data-Driven RANS Closures for Trailing Edge Noise Predictions	Wilsby, Oscar	University of Melbourne	CAA-02
151	Explicit Differential Filtering on Unstructured Grids for Large-Eddy Simulations in Aeroacoustics Using an Approximate Deconvolution Model	Najafiyazdi, Mostafa	McGill University	CAA-03
152	Zonal large eddy simulation of active open cavity noise using a high order discontinuous Galerkin method	Kuhn, Thomas	IAG	CAA-03
154	Adjoint Broadband Optimization of a Bypass Liner with Spatially Varying Impedance	Abdel Hay, Junis	CFD Software GmbH	CAA-04
156	Non-reflecting Boundary Conditions for Aeroacoustic Simulations	Du, Yongle	Northwestern Polytechnical University	CAA-04
160	Computation of Flow-induced Sound from Gust Interacting with a Vibrating Cascade Using Body Force Model	Cheng, Long	Beihang University	CAA-05
161	Slitted leading-edge profiles for the reduction of broadband interaction noise; physical mechanisms and performance	Cannard, Marine	University of Southampton	CAA-05
162	Investigation of high-order cell-centered finite difference method for aeroacoustics	Jin, Yao	Northwestern Polytechnical University	CAA-05
163	An LES Study of Core Temperature, Velocity, and Mach Number Effect on the Far-Field Noise of Co-Axial Jets	Markesteijn, Anton	GPU-prime, Ltd.	CAA-06
164	Conservative source term interpolation for hybrid aeroacoustic computations	Weitz, Michael	Technical University of Vienna	CAA-06
165	LES and FW-H Prediction of Aeroacoustic Noise for a SD 7037 Airfoil for Wind Turbine Applications	Zilstra, Alison	University of Waterloo	CAA-06
166	A Domain Decomposition Method with High-Order Finite Elements for Flow Acoustics	Gabard, Gwenael	University of Le Mans	CAA-07
167	Steering of Acoustic Reflection from Metasurfaces through Numerical Optimization	Iemma, Umberto	University of Rome III	CAA-07
168	Helmholtz's Decomposition applied to Aeroacoustics	Schoder, Stefan	Technical University of Vienna	CAA-07
169	Noise Reduction Using a Direct-Hybrid CFD/CAA Method	Niemöller, Ansgar	RWTH Aachen University	CAA-08
170	A Comparison of Boundary Integral Formulations for Sound Scattered by Moving Bodies	Poggi, Caterina	Roma Tre University	CAA-08
157	Numerical Analysis of Acoustic Liner Performance in grazing flow	Enomoto, Shunji	Japan Aerospace Exploration Agency (JAXA)	CAA-09
159	Noise Radiated by an Open Cavity at $M=0.1$ and $Re=5000$	Martin, Rocio	Technical University of Catalonia	CAA-09
172	Acoustic Resonance Study with an Open-Jet Wind Tunnel Geometry Using a Time-Accurate Local-Time-Stepping CESE Method	Yen, Chih Chieh	Jacobs	CAA-10
173	Efficient Fan Broadband Noise Prediction Using Navier-Stokes Linearized Analysis	Blazquez Navarro, Ricardo	Technical University of Madrid	CAA-10
174	Numerical Investigation of Noise Sources in a Single Airfoil Tip-Leakage Flow	Koch, Regis	University of Sherbrooke	CAA-10
175	Investigation on Noise from Shock/Isotropic Turbulence Interaction Using Direct Numerical Simulation	Shi, Fangcheng	Beihang University	CAA-11

#	Title	Presenter	Presenter Institution	Topic
176	Simulation of Instability Wavetrains and Their Radiated Sound in Supersonic Jet Using New Hybrid Approach	Fang, Yihong	Tianjin University	CAA-11
177	Optimization of serrations for broadband trailing-edge noise reduction using an analytical model	Kholodov, Pavel	University of Sherbrooke	CAA-11
178	2D Simulations of Multiple Pure Tone Noise Generated by Complex Shock Structures in Nacelle	Tang, Xiaolong	Beihang University	CAA-12
179	Aeroacoustic Reduced-Order Models Based on a priori/posteriori Data Analysis	Arina, Renzo	Technical University of Turin	CAA-12
180	Parametric study of multiple aerofoil self-noise sources using direct noise computation	Deuse, Mathieu	University of Melbourne	CAA-12
181	Characterization of the pressure fluctuations within a Controlled-Diffusion airfoil boundary layer at large Reynolds numbers	Boukharfane, Radouan	Higher Institute of Aeronautics and Space (ISAE-SUPAERO)	CAA-13
183	Resolvent analysis-based pressure modeling for trailing edge noise prediction	Wagner, Georges	University of Melbourne	CAA-13
185	Radial Basis Functions for Stochastic Metamodels Tailored to Aeroacoustic Applications	Iemma, Umberto	University of Rome III	CAA-14
186	A Non-reflective Boundary Condition for Prediction of Acoustic Tones in Turbomachinery using Computational Fluid Dynamics	Zaabar, Kamran	University of Southampton	CAA-14
187	Airfoil Noise Numerical Simulations with Direct Noise Computation and Hybrid Methods Using Inflow Synthetic Turbulence	Rigall, Tommy	IMSIA - ENSTA ParisTech	CAA-15
135	Sound quality metrics applied to aircraft components under operational conditions using a microphone array	Merino-Martinez, Roberto	Delft University of Technology	CNM/SB-01
136	Variability of Sound Quality Metrics for Different Aircraft Types During Landing and Take-Off	Vieira, Ana	Delft University of Technology	CNM/SB-01
137	Study of Ptero-G0 UAV Noise with Level Flight Conditions	Moshkov, Petr	Sukhoi Civil Aircraft	CNM/SB-01
138	The Aircraft Noise Simulation Working Group (ANSWr) - Tool Benchmark and Reference Aircraft Results	Bertsch, Lothar	German Aerospace Center (DLR)	CNM/SB-02
140	The Aircraft Noise Simulation Working Group (ANSWr) – V2 Aircraft Results	Sanders, Laurent	ONERA	CNM/SB-02
141	Simulation of N-wave propagation in a realistic turbulent atmosphere using two-dimensional nonlinear parabolic equation	Yuldashev, Petr	Moscow State University	CNM/SB-03
142	Three-dimensional Simulation of Shaped Sonic Boom Signature Loudness Variations Due to Atmospheric Turbulence	Stout, Trevor	Pennsylvania State University	CNM/SB-03
189	Numerical simulations based evidence of impingement free sound production during vortex-nozzle interaction in solid rocket motors	Hirschberg, Lionel	CentraleSupélec	DA-01
190	Wave propagation in compressible swirling flows confined by non-uniform ducts	Chen, Yong	National University of Defense Technology	DA-01
191	Duct azimuthal and radial modal detection on the CFD modeling of UHBR engine tonal noise	Fauqueux, Sandrine	ONERA	DA-01
192	Duct modal detection tool to characterize the noise source generated by an air pump	Fauqueux, Sandrine	ONERA	DA-01
193	noisyduck: an open-source Python tool for computing eigenmode decompositions of duct flows	Wukie, Nathan	University of Cincinnati	DA-01
194	Modelling of boundary layer effects on the propagation of buzz-saw noise in lined ducts	James, Alex	University of Southampton	DA-02
195	Propagation of Acoustic Waves in Ducts with Axially-Varying Parameters Using the Parabolized Stability Equations	Fava, Thales		DA-02
196	Non-Linear Acoustic Propagation in Circumferentially Non-Uniform Mean Flow	Wilson, Alexander	University of Southampton	DA-02
197	Mode Merging Design Method for non-locally reacting liner with porous bulk materials	Qiu, Xianghai	Beihang University	DA-03

#	Title	Presenter	Presenter Institution	Topic
198	Influence of Source Propagation Direction and Shear Flow Profile in Impedance Eduction of Acoustic Liners	Roncen, Remi	ONERA	DA-03
199	Recent Development in the Cremer Impedance: Experimental Analysis, Numerical Validation and Triple Roots	Zhang, Zhe	Royal Institute of Technology (KTH)	DA-03
200	Testing Impedance Eduction Boundary Conditions with Four Wavenumbers per Frequency	Spillere, André	University of Warwick	DA-04
201	Application of Swept Sine Excitation for Acoustic Impedance Eduction	Howerton, Brian	NASA Langley Research Center	DA-04
202	Evaluation of a Multizone Impedance Eduction Method	Jones, Michael	NASA Langley Research Center	DA-04
207	Experimental Validation of the Two-port Impedance Eduction Method	Denayer, Hervé	Catholic University of Leuven	DA-05
208	Direct impedance eduction of liners from Laser Doppler Velocimetry measurements	Humbert, Thomas	University of Le Mans	DA-05
209	Experimental impedance assessment of innovative liner under shear grazing flow	Mery, Fabien	ONERA	DA-05
210	Lattice-Boltzmann Very Large Eddy Simulation of a Multi-Orifice Acoustic Liner with Turbulent Grazing Flow	Avallone, Francesco	Delft University of Technology	DA-06
211	A parametric uncertainty analysis for impedance eduction based on Prony's method	Bonomo, Lucas	Federal University of Santa Catarina	DA-06
212	Spatial Numerical Simulation of a Turbulent Plane Channel Flow with an Impedance Wall	Marx, David	National Center for Scientific Research (CNRS)	DA-06
213	Investigation of Flexible Walls for Acoustic Liners	Knobloch, Karsten	German Aerospace Center (DLR)	DA-07
214	Effect of Grazing Flow on Grooved Over-the-Rotor Acoustic Casing Treatments	Bozak, Richard	NASA Glenn Research Center	DA-07
215	Investigation of Liner Axial Displacement in a Complex Acoustic Environment	Brown, Martha	NASA Langley Research Center	DA-07
216	Modelling of Over-The-Rotor Acoustic Treatments for Improved Noise Suppression in Turbofan Engines	Palleja-Cabre, Sergi	University of Southampton	DA-08
217	Design and Acoustic Efficacy of a Broadband Liner for the Inlet of the DGEN Aero-propulsion Research Turbofan	Sutliff, Daniel	NASA Glenn Research Center	DA-08
218	Effects of turbofan engine intake droop and length on fan tone noise	Sugimoto, Rie	University of Southampton	DA-08
203	Solutions and Properties of the Pridmore-Brown equation	Rienstra, Sjoerd	Eindhoven University of Technology	DA-09
204	Numerical Investigation of the Effect of Grazing Flow to Sound Absorption on Helmholtz Resonator	Sasaki, Daisuke	Kanazawa Institute of Technology	DA-09
205	Effect of Geometric Shape of Coupled Helmholtz Resonators on Aeroacoustics Damping Performance	Zhao, Dan	University of Canterbury	DA-09
206	The Role of Global Thermoacoustic Modes in Energy Exchange of a Finite-length Thermally-driven Duct	Kumar, Saravana	Indian Institute of Science	DA-09
219	Acoustic Liner Impedance Eduction using Parameter Estimation and the Linearized Navier-Stokes Equations	Herring Jensen, Mads Jakob	COMSOL A/S	DA-10
220	Numerical modeling of the flow acoustic behavior of sub-millimeter orifices in 3D using linearized Navier-Stokes equations	Vandemaele, Simon	Catholic University of Leuven	DA-10
221	An Investigation of Bifurcation Acoustic Treatment Effects on Aft-Fan Engine Nacelle Noise	Nark, Douglas	NASA Langley Research Center	DA-10
222	Numerical and Experimental Investigations on the Flow Drag of a Multi-slit Acoustic Liner	Chen, Chao	Beihang University	DA-11
223	Numerical Simulation of Nonlinear Effect of Wire mesh Liner based on Finite Element Method in Time Domain	Zhang, Xiaowei	Beihang University	DA-11
224	Comparison of three numerical methods for acoustic propagation in a lined duct with flow	Deng, Yuanyuan	University of Lyon	DA-11

#	Title	Presenter	Presenter Institution	Topic
226	MAINE Flow: Experimental facility for characterization of liners subjected to representative acoustical excitation and grazing flow	Golliard, Joachim	Le Mans Technology Transfer Center	DA-12
227	Acoustic Liner Drag Measurements	Cattafesta, Louis	Florida State University	DA-12
228	A mode-matching model for the impedance of perforated plate liners	Billard, Robin	University of Le Mans	DA-13
230	Hydrodynamic instability and sound amplification over a perforated plate backed by a cavity	Dai, Xiwen	Shanghai Jiao Tong University	DA-13
231	Semi-empirical impedance model of perforated plate under grazing flow	Meng, Yang	Beihang University	DA-14
233	Simulation of high acoustic excitation level harmonic interaction effects for perforates and liners	Boden, Hans	Royal Institute of Technology (KTH)	DA-14
237	Inlet liner design for a fan noise test rig	Spillere, Andre	Federal University of Santa Catarina	DA-14
235	Initial Developments of a Low-Drag, Variable-Depth Acoustic Liner	Schiller, Noah	NASA Langley Research Center	DA-15
236	Sound Absorption Characteristics of Porous Metal with Structure Configuration Variation	Tuasikal, Jannati	University of Tokyo	DA-15
238	Design of an Advanced Inlet Liner for the Quiet Technology Demonstrator 3	Nark, Douglas	NASA Langley Research Center	DA-16
239	An Experimental Study on the Coherence and Modal Structure of the Broadband Sound Field in Fan Inlet Duct	Qiao, Weiyang	Northwestern Polytechnical University	DA-16
241	On the use of Acoustic Wind Tunnel Data for the Simulation of sUAS Flyover Noise	Rizzi, Stephen	NASA Langley Research Center	EUAN-01
242	Acoustic Analysis of a Quadrotor eVTOL Design via High-Fidelity Simulations	Lee, Seongkyu	University of California, Davis	EUAN-01
243	Aeroacoustic Analysis of Urban Air Operations Using the LB/VLES Method	Casalino, Damiano	Dassault Group	EUAN-02
244	Propeller Noise Predictions Using the Lattice Boltzmann Method	Kocheemoolayil, Joseph	NASA Ames Research Center	EUAN-02
245	The Effect of Inflow Disturbance on Drone Propeller Noise	Yauwenas, Yendrew	University of New South Wales	EUAN-02
246	Prediction of small quadrotor blade induced noise	Thai, Austin	Boston University	EUAN-03
247	Noise prediction of drones in urban environments	Bian, Haoyu	Hong Kong University of Science and Technology	EUAN-03
248	Predicting Community Noise of sUAS	Alexander, William	Virginia Polytechnic Institute and State University	EUAN-03
249	Simulation of Acoustically Induced Fluid-Structural Interactions Using Wall Model LES	Cavallo, Peter	Combustion Research and Flow Technology, Inc.	GA/LSF-01
250	Deterministic Model of Acoustic Wave Propagation in a Cavity	Vander creek, Colin	Delft University of Technology	GA/LSF-01
251	Acoustic Cloaking in Flows by Topology Optimization Method	Ma, Zhengyu	Peking University	GA/LSF-01
252	Membrane Metamaterials For Use In Broadband Noise Attenuation	Ross, Eoghan	Trinity College Dublin	GA/LSF-01
253	Acoustic Diode Metamaterial for Sound Absorption	Hossain, Robiul	Trinity College Dublin	GA/LSF-01
254	Analytical, numerical and experimental investigation of trailing-edge noise reduction on a Controlled Diffusion airfoil with serrations	Moreau, Stéphane	Université de Sherbrooke	GA/LSF-02
255	Acoustic investigation of the liner-type porous trailing edge treatment for the Controlled-Diffusion airfoil	Yakhina, Gyuzel	University of Sherbrooke	GA/LSF-02
256	Liner-type porous treatments for the flat plate trailing edge	Yakhina, Gyuzel	University of Sherbrooke	GA/LSF-02

#	Title	Presenter	Presenter Institution	Topic
257	Optimal cavity shape design for absorbing acoustic liners using Helmholtz equation with visco-thermal losses	Tissot, Gilles	University of Le Mans	GA/LSF-03
258	The compact Green's function for multiple bodies	Baddoo, Peter	University of Cambridge	GA/LSF-03
259	Experimental investigation of the noise control performance of leading edge serrations in a rectilinear cascade	Paruchuri, Chaitanya	University of Southampton	GA/LSF-03
260	Aeroacoustic Prediction of Complex HVAC Systems	Becker, Stefan	University of Erlangen-Nürnberg	GA/LSF-04
261	Low-noise OGV design for broadband noise using bayesian optimisation	Paruchuri, Chaitanya	University of Southampton	GA/LSF-04
263	Fan Noise Boundary-Layer Ingestion Installation Effects for NOVA Aircraft Configuration	Romani, Gianluca	Delft University of Technology	IEFA-01
264	Far Term Noise Reduction Roadmap for the NASA D8 and Single-Aisle Tube-and-Wing Aircraft Concepts	Clark, Ian	NASA Langley Research Center	IEFA-01
265	Far Term Noise Reduction Technology Roadmap for a Large Twin-Aisle Tube-and-Wing Subsonic Transport	June, Jason	NASA Langley Research Center	IEFA-01
266	Acoustic Phased Array Quantification of Quiet Technology Demonstrator 3 Advanced Inlet Liner Noise Component	Brusniak, Leon	The Boeing Company	IEFA-01
267	Fly-over noise source localization during acoustic flight tests of advanced passenger aircraft	Zaytsev, Mikhail	TsAGI	IEFA-01
268	Free-Stream Effects on Jet-Installation Noise of a Dual-Stream Engine	Rego, Leandro	Delft University of Technology	IEFA-02
269	The Modeling of Jet-Plate Interaction Noise in the Presence of Co-Flow	Faranosov, Georgy	TsAGI	IEFA-02
270	Supersonic Engine Inlet Tone Noise Radiation	Brown, Jonathan	NASA Glenn Research Center	IEFA-02
272	Numerical study, with experimental validation, of fan noise installation effects in Over-Wing Nacelle configuration using the Immersed Boundary Method	Lorteau, Mathieu	ONERA	IEFA-03
273	Acoustic Radiation of Supersonic Inlet with Auxiliary Door and Mean Flow	Brown, Jonathan	University of Hartford	IEFA-03
274	Low frequency acoustic properties of a metamaterial-based aircraft trim panel	Song, Yubao	China Aerodynamics Research and Development Center (CARDC)	IN/SA-01
275	Inverted wedge porous acoustic metamaterials	Ji, Guosheng	Hong Kong University of Science and Technology	IN/SA-01
276	The effect of uniform mean flow on sound pressure field of metasurface	Zhou, Jie	Hong Kong University of Science and Technology	IN/SA-01
277	Simulation of wall pressure fluctuations on Airbus-A320 fuselage in cruise flight condition	Hu, Nan	German Aerospace Center (DLR)	IN/SA-02
278	Study of the Sound Field Structure in the Cockpit of a Superjet 100	Moshkov, Petr	Sukhoi Civil Aircraft	IN/SA-02
279	Application of SNGR Method to Compute Aero-Vibro-Acoustics of Heavy-Duty Rear-View Mirrors	Mazeaud, Benoit	Volvo Group Trucks Technology	IN/SA-02
282	Validation with experimental data of an heterogeneous turbulent wall pressure fluctuation model in a FEM structural context	Leneveu, Romain	Vibratec	IN/SA-03
283	The dominating influence of large-scale jet motion on jet-wing interaction noise	Michel, Ulf	CFD Software GmbH	JA-01
284	Jet-plate interaction tones relevant to over-the-wing engine mount concept	Tam, Christopher	Florida State University	JA-01
285	Azimuthal variation of Near Field Pressure Fluctuations due to Chevron in Compressible Jet	Nikam, Shailesh	K J Somaiya College of Engineering	JA-01
286	Nonlinear jet-flap interactions: a dynamical-systems analysis	Semeraro, Onofrio	National Center for Scientific Research (CNRS)	JA-01

#	Title	Presenter	Presenter Institution	Topic
287	Validation of a Jet-Surface Interaction Noise Model in Flight	Dawson, Martin	University of Southampton	JA-01
288	Eddy viscosity for resolvent-based jet noise models	Pickering, Ethan	California Institute of Technology	JA-02
289	Large-Eddy Simulation of Jet Surface Interaction Noise	Stich, Gerrit-Daniel	NASA Ames Research Center	JA-02
290	Large-Eddy Simulation of Installed Jet Flows and Acoustics	Wang, Zhong-Nan	University of Cambridge	JA-02
291	Modelling Noise Sources in Offset Two-Stream Jets Using Linear Stability Theory -- Further Developments	Singh, Nitya	Indian Institute of Technology Bombay	JA-03
292	Space-time Description of the Density Near-field in a Non-uniformly Heated Jet.	Daniel, Kyle	Virginia Polytechnic Institute and State University	JA-03
294	Velocity Scaling of Shear Layer Noise induced by cold Jet flow with co-flowing Flight stream	Jente, Christian	German Aerospace Center (DLR)	JA-04
295	An investigation of a mixer-ejector nozzle for jet noise reduction	Zaman, Khairul	NASA Glenn Research Center	JA-04
296	Effect of Nozzle Inflow Conditions on Shock-Cell Structure and Noise in Overexpanded Jets	Liu, Junhui	Naval Research Laboratory	JA-04
301	Reflection coefficients and screech-tone prediction in supersonic jets	Mancinelli, Matteo	National Center for Scientific Research (CNRS)	JA-05
302	Towards Large Eddy Simulations of Supersonic Rectangular Jets including Screech	Wu, Gary	Stanford University	JA-05
303	Skewness as means for separating crackle from screech	Rona, Aldo	University of Leicester	JA-05
304	Sources of Sound and their Radiation in Twin Turbulent Jets	Muthichur, Nishanth	Indian Institute of Science	JA-06
305	An investigation of the Mach number dependence of trapped acoustic waves in turbulent jets	Towne, Aaron	University of Michigan, Ann Arbor	JA-06
306	Experimental Investigation into the Turbulence Flow Field of In-Flight Jets	Proenca, Anderson	University of Southampton	JA-06
307	Dynamics of turbulent boundary layers exciting wavepackets in subsonic jets	Kaplan, Oguzhan	Institut Pprime, CNRS- Université de Poitiers- ENSMA	JA-07
308	Resolvent-based analysis of streaks in turbulent jets	Nogueira, Petrônio	Technological Institute of Aeronautics (ITA)	JA-07
309	Low-frequency correlation theory of noise sources in subsonic turbulent jet	Chernyshev, Sergey	TsAGI	JA-07
310	Kinematic Modelling of Edge-Scattered Broadband Shock-Associated Noise	Kirby, Rhiannon	Monash University	JA-08
311	A Parabolised Stability Equation based Broadband Shock-Associated Noise Model	Wong, Marcus	Monash University	JA-08
312	Wavelet-based Procedure for the Identification of Signatures of the Azimuthal Modes for Broadband Shock-associated Noise	Pérez Arroyo, Carlos	University of Sherbrooke	JA-08
297	Acoustic modes from a Mach 3 jet	Tinney, Charles	University of Texas, Austin	JA-09
298	Streaks and coherent structures in jets from round and serrated nozzles	Rigas, Georgios	California Institute of Technology	JA-09
299	Experimental and Numerical Investigation of Jet Noise Reduction Using Fluid Inserts for Rectangular Nozzle with Aspect Ratio of 2	Akatsuka, Junichi	Japan Aerospace Exploration Agency (JAXA)	JA-09
300	Acoustic Characteristics of Compressible Jet from Different Nozzle exit Geometry	Nikam, Shailesh	K J Somaiya College of Engineering	JA-09
313	Sampling Artifacts in Quantitative Schlieren	Hay, Todd	University of Texas, Austin	JA-10
314	Experimental Research of Installed Jet Noise	Xu, Xihai	Beihang University	JA-10
315	Coherence Analysis of the Noise from a Simulated Highly-heated Laboratory-scale Jet	Leete, Kevin	Brigham Young University	JA-10

#	Title	Presenter	Presenter Institution	Topic
316	Numerical Simulation of the Noise from a Subsonic Jet in Static and Flight Conditions	Gao, Junhui	Beihang University	JA-11
317	Crackle-related beamforming of military jet aircraft noise	Vaughn, Aaron	Brigham Young University	JA-11
318	Low-Order Models of Dual-Stream Jet Noise with Temperature Effects Based on the Goldstein Generalised Acoustic Analogy	Gryazev, Vasily	Queen Mary University of London	JA-11
319	Modulation of downstream-propagating waves in aeroacoustic resonance	Edgington-Mitchell, Daniel	Monash University	JA-12
320	Improvement of jet flow simulations using ZDES mode 3 and silent turbulence generation	Gand, Fabien	ONERA	JA-12
321	Effect of Fluid Inserts on Low Order Models of Jet Noise Reduction	Prasad, Chittrarth	Pennsylvania State University	JA-12
322	Supersonic Jet Noise of Low Aspect-Ratio Rectangular C-D Nozzles with Contoured and Straight Interior Walls	Ahuja, Krishan	Georgia Institute of Technology	JA-13
323	Temperature effects on the generation of steepened waves by supersonic temporal round jets	Pineau, Pierre	University of Lyon	JA-13
324	Statistical Flow Structures in Heated Supersonic Jets with Offset Temperature Non-Uniformities	Mayo, David	Virginia Polytechnic Institute and State University	JA-13
325	Investigating the effects of temperature non-uniformity on supersonic jet noise with large-eddy simulation	Brès, Guillaume	Cascade Technologies, Inc.	JA-14
326	Passive Nozzle-Based Technology for the Reduction of Heated Supersonic Jet Noise	Murray, Nathan	University of Mississippi, University	JA-14
327	Modeling supersonic heated jet noise at fixed jet Mach number using an asymptotic approach for the acoustic analogy Green's function and an optimized turbulence model	Afsar, Mohammed	University of Strathclyde	JA-14
331	Parametric characterization of wall pressure fluctuations induced by a compressible jet flow interacting with a flat plate	Meloni, Stefano	Roma Tre University	JA-15
332	Wall pressure fluctuations induced by a compressible coaxial jet in installed configuration	Meloni, Stefano	Roma Tre University	JA-15
333	Improved trailing edge noise prediction using CFD data within a generalized Rapid-distortion theory approach	Afsar, Mohammed	University of Strathclyde	JA-15
334	Rapid Prediction of Installed Jet Noise From RANS	Bridges, James	NASA Glenn Research Center	JA-16
336	Cone-of-Silence Predictions Using RANS-Based Jet Noise Prediction Method	Venkatesh, Balaji Jayanth	University of Southampton	JA-16
337	Coupled CFD-CAA Simulation of the Noise Generated by a Hot Supersonic Jet Impinging on a Flat Plate with Exhaust Hole	Troyes, Julien	ONERA	JA-17
338	Nozzle Pressure Ratio Effects on Aerodynamics and Acoustics of a Highly-Heated Rectangular Supersonic Jet	Chen, Song	Royal Institute of Technology (KTH)	JA-17
339	Mach wave suppression by a pair of subsonic helical modes in a supersonic jet	Watanabe, Daisuke	University of Toyama	JA-17
341	Nozzle Configuration Effects on the Aeroacoustics of Dual Stream Supersonic Jets	Hromisin, Scott	Pennsylvania State University	JA-18
342	Experimental Investigation of Reynolds Number Effect on the Aeroacoustics Fields of a Supersonic Jet	Ozawa, Yuta	Tohoku University	JA-18
328	Prediction of Fine-scale Jet Mixing Noise Using Geometrical Acoustics	Martelet, Yann	Airbus	JA-19
329	Shooting Method for Linear Bi-Global Stability Analysis of Non-Axisymmetric Jets	Sohoni, Nikhil	Indian Institute of Technology Bombay	JA-19
330	A Semi-empirical Prediction Method for the Fine Scale Turbulence Mixing Noise	Bai, Baohong	Tsinghua University	JA-19
343	Dynamics of round jet impingement	Jaunet, Vincent	National Center for Scientific Research (CNRS)	JA-20

#	Title	Presenter	Presenter Institution	Topic
344	Numerical Investigation of Installed Jet Noise Sensitivity to Lift and Wing/Engine Positioning	Angelino, Matteo	Loughborough University	JA-20
345	Jet Noise Prediction Comparisons with Scale Model Tests and Learjet Flyover Data	Henderson, Brenda	NASA Glenn Research Center	JA-20
346	Numerical and Experimental Investigation of Flow Confinement Effects on UAV Rotor Noise	Nardari, Clement	Dassault Group	PRVSN-01
347	Noise measurements of generic small-scale propellers	Fattah, Ryu	Hong Kong University of Science and Technology	PRVSN-01
348	Multirotor Unmanned Aerial System Propeller Noise Caused by Unsteady Blade Motion	McKay, Ryan	University of Auckland	PRVSN-01
350	Analytical Investigation of Turbulence Interaction Noise of Mini-RPA Serrated Blades	Akila, Halimi	National Polytechnic School	PRVSN-02
351	Aeroacoustic and aerodynamic investigation of multicopter rotors with serrated trailing edges	Yang, Yannian	Southern University of Science and Technology	PRVSN-02
352	Towards counter-rotating open rotor noise reduction via radiation efficiency considerations	Horváth, Csaba	Budapest University of Technology and Economics	PRVSN-03
353	UAV Rotor Acoustic Analysis and Optimization	Anemaat, Willem	Design, Analysis and Research Corporation	PRVSN-03
355	Extracting the broadband noise sources of counter-rotating open rotors	Horváth, Csaba	Budapest University of Technology and Economics	PRVSN-04
356	A Parametric Study of Counter Rotating Open Rotor Noise	Smith, Dale	University of Manchester	PRVSN-04
357	Turbulence Ingestion into a Rotor at the Rear of an Axisymmetric Body	Hickling, Christopher	Virginia Polytechnic Institute and State University	PRVSN-04
358	Noise from a Rotor Ingesting a Turbulent Boundary Layer Using Very-Large Eddy Simulations	Gonzalez-Martino, Ignacio	Dassault Group	PRVSN-05
359	Acoustic characteristics of a quad-copter under realistic flight conditions	Zhou, Teng	Hong Kong University of Science and Technology	PRVSN-05
360	Multi-rotor noise scattering by a drone fuselage	Jiang, Hanbo	Hong Kong University of Science and Technology	PRVSN-05
361	Prediction of Noise from Low Reynolds Number Rotors with Different Number of Blades using a Non-Linear Vortex Lattice Method	Jo, Yeongmin		PRVSN-06
362	Developing a comprehensive noise prediction system for generating noise abatement procedures	Brentner, Kenneth		PRVSN-06
363	Aeroacoustic Analysis of Helicopter Rotors in Ground Effect	Poggi, Caterina	Roma Tre University	PRVSN-06
364	Application of a Combined Method for the Investigation of Turbomachinery Noise Sources: Beamforming and Proper Orthogonal Decomposition	Horváth, Csaba	Budapest University of Technology and Economics	PRVSN-07
365	Turbulence Ingestion Noise in Complex Flows	Glegg, Stewart	Florida Atlantic University	PRVSN-07
367	IFAR Liner Benchmark - Challenge #1 - DLR	Bake, Friedrich	German Aerospace Center (DLR)	SS/ALR-01
368	Experimental Study of Acoustic Liner Panels Shared in IFAR Program	Ishii, Tatsuya	Japan Aerospace Exploration Agency	SS/ALR-01
369	Overview of Liner Activities in Support of the International Forum for Aviation Research	Jones, Michael	NASA Langley Research Center	SS/ALR-01
370	Impedance measurements for 3-D printed liners	Boden, Hans	Royal Institute of Technology (KTH)	SS/ALR-01
371	Liner Impedance Eduction under shear grazing flow for high sound pressure level	Mery, Fabien	ONERA	SS/ALR-02
372	Investigation of Sound Propagation in Rectangular Duct with Transversally Non-uniform Flow and Anisotropic Wall Impedance by Asymptotic Theory and 3D Finite Element Method	Denisov, Stanislav	TsAGI	SS/ALR-02
373	Experimental Investigation of Mean Flow Profile Effects on Impedance Eduction for Multi-Segment Liners	Ostrikov, Nikolay	TsAGI	SS/ALR-02

#	Title	Presenter	Presenter Institution	Topic
374	Assessment of Airframe Noise Reduction Technologies based on EPNL from Flight Tests	Ravetta, Patricio	AVEC, Inc.	SS/ANT-01
375	Flight-Test Evaluation of Landing Gear Noise Reduction Technologies	Khorrami, Mehdi	NASA Langley Research Center	SS/ANT-01
378	Simulation-Based Assessment of a Full-Scale Installed Quiet Landing Gear	Duda, Benjamin	Exa GmbH	SS/ANT-02
379	Measured and Simulated Acoustic Signature of a Full-Scale Aircraft with Airframe Noise Reduction Technology Installed	Khorrami, Mehdi	NASA Langley Research Center	SS/ANT-02
380	Investigation of Sound Generation and Transmission Effects Through the ACAT1 Fan Stage using Compressed Sensing-based Mode Analysis	Behn, Maximilian	German Aerospace Center (DLR)	TCN-01
381	Noise prediction of the ACAT1 fan with a RANS-informed analytical method: success and challenge	Guerin, Sebastien	German Aerospace Center (DLR)	TCN-01
382	Assessment of a 2D Synthetic Turbulence Method for Predicting the ACAT1 Fan's Broadband Noise	Kissner, Carolin	German Aerospace Center (DLR)	TCN-01
383	Radial mode breakdown of the ACAT1 fan broadband noise generation in the bypass duct using a sparse sensor array	Tapken, Ulf	German Aerospace Center (DLR)	TCN-02
384	Noise generated by entropic and compositional inhomogeneities interacting with a cascade of airfoils	Guzman Inigo, Juan	University of Cambridge	TCN-02
386	Advanced analysis of tonal noise from asynchronous counter-rotating fans by means of a low sensor count	Enghardt, Lars	German Aerospace Center (DLR)	TCN-03
387	Two-dimensional sound transmission in realistic turbomachinery cascade	Moreau, Stéphane	Université de Sherbrooke	TCN-03
390	A new MEMS microphone array for the wavenumber analysis of wall-pressure fluctuations: application to the modal investigation of a ducted low-Mach number stage	Salze, Edouard	École Centrale de Lyon	TCN-04
391	Direct Noise Computation of the Rotor-Rotor Interaction Modes in Counter-Rotating Cascades	Bobenrieth Miserda, Roberto	University of Brasilia	TCN-04
395	Assessment of the Impact of a Heterogeneous Stator on the Noise of an Axial-Flow Low Mach-number Stage	Pestana, Miguel	École Centrale de Lyon	TCN-05
396	Transfer-Function Determination for Infinite-Tube-Probe Pressure Transducers with Application to Turbofan Core/Combustor Noise	Boyle, Devin	NASA Glenn Research Center	TCN-05
397	On the coherence of the sound mode in fan inlet	Qiao, Weiyang	Northwestern Polytechnical University	TCN-05
398	New modular fan rig for advanced aeroacoustic tests - Modal decomposition on a 20" UHBR fan stage	Pereira, Antonio	École Centrale de Lyon	TCN-06
399	New modular fan rig for advanced aeroacoustic tests - Acoustic characterization of the facility	Salze, Edouard	École Centrale de Lyon	TCN-06
400	Shockwave Generation and Radiation from an UHBR Engine with Flow Distortion Using a CFD/CAA Chaining Strategy	Daroukh, Majd	ONERA	TCN-06
401	Tone Noise Predictions of a Full-Scale UHBR Engine at Approach Condition with Inflow Distortion Effects	Le Garrec, Thomas	ONERA	TCN-06
402	A Fast Prediction Method for Rotor Buzz-saw Noise based on an Analytical Approach	Moreau, Antoine	German Aerospace Center (DLR)	TCN-07
403	1/3-Octave Analysis of Core/Combustor-Noise Measurements for the DGEN Aeropropulsion Research Turbofan with Application to Noise Prediction	Hultgren, Lennart	NASA Glenn Research Center	TCN-07
404	Wall-Modeled Large-Eddy Simulation and Direct Numerical Simulation of Broadband Trailing Edge Noise from a NACA 0012 Airfoil	Bodony, Daniel	University of Illinois, Urbana-Champaign	TCN-07
405	Analysis of fan-stage gap flow data generated using an LBM/VLES method	Grace, Sheryl	Boston University	TCN-08

#	Title	Presenter	Presenter Institution	Topic
406	On the Use of RANS-informed Analytical Models to Perform Broadband Rotor-Stator Interaction Noise Predictions	Lewis, Danny	École Centrale de Lyon	TCN-08
407	Phased array beamforming to identify broadband noise sources in the interstage section of a turbofan engine	Brouwer, Harry	Royal Netherlands Aerospace Centre (NLR)	TCN-08
392	A Two-Dimensional Model of Sound Transmission Through Curved and Staggered OGV: Effect of Inter-Vane Channel Mode Transitions	Girier, Leo	École Centrale de Lyon	TCN-09
394	Cavity Noise of Turbofan Engine Cooling Components	Winkler, Julian	United Technologies Corporation	TCN-09
409	Development and assessment of an inflow control device and a bell-mouth for a low-speed aeroacoustic fan rig	Caldas, Luciano	German Aerospace Center (DLR)	TCN-10
410	Fan Broadband Noise Computation at Transonic Regime	Kholodov, Pavel	University of Sherbrooke	TCN-10
411	Experimental investigation of the sound emission of skewed axial fans with leading-edge serrations	Krömer, Florian	University of Erlangen-Nürnberg	TCN-11
412	Numerical Study on Noise Reduction of the Turbomachinery Blade Self-noise with Serrated Trailing Edge	Ding, Song	Northwestern Polytechnical University	TCN-11
413	Wave response functions for a cascade of blades with an arbitrary camber	Wilson, Alexander	University of Southampton	TCN-11