		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B	
6.7.26 Monday	09:00-10:00	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	*Opening ceremony*	
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	10:30-11:30	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	*Plenary - Jens Holger Rindel*	
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-1	**T14RS01** Psychological acoustics **Mine Ascigil Dincer, Bilge San Ozbilen**	**T01SS01(1)** Sound and vibration measurements and analysis **Baki Karaböce, Enver Sadıkoğlu**	**T05RS01(1)** Ultrasound and ultrasonic measurements & testing **Li Weibin, Özgür Özdemir**	**T06RS03(1)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Marco Caniato**		**T13RS03** Environmental noise impact on health and community response **Elena Ascari, Chiarra Bartalucci, Nilgun Akbulut Coban**		**T02SS01** Computational Methods for Nonlinear Acoustics with AI-Enhanced Approaches **Haijun Wu**	**T08SS06** Thermoacoustic, combustion and hydrodynamic instabilities **Larry Li**	**T07SS04** Prognostics and health management **Heung Soo Kim, Chang-Wan Kim, Jung Woo Sohn**	**T07RS02(1)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**	
	11:45-13:00												
	13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	
	14:00-15:00	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	*Plenary - Zuhre Su Gul*	
	15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	Parallel-2	**T14SS02(1)** Indoor soundscapes **Papatya Nur Dökmeci Yörükoğlu, Simone Torresin**	**T01SS01(2)** Sound and vibration measurements and analysis **Baki Karaböce, Enver Sadıkoğlu**	**T05RS01(2)** Ultrasound and ultrasonic measurements & testing **Li Weibin, Özgür Özdemir**	**T06RS01(1)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**		**T13SS02** Environmental noise management policies and good practices **Ekim Şükrü Bakırcı, Simon Shilton, Arnaldo Melloni**	**Metamaterials Hackathon: Design Solutions** **Gianluca Memoli**	**T02RS02** Fault diagnosis and prognosis **Tawhidul Islam Khan**	**T08SS02** Combustion noise and thermoacoustics **Juan Guzman-Inigo**	**T07SS02** Dynamic substructuring and frequency based substructuring **Nevzat Özgüven**	**T07RS02(2)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**	
	15:30-16:45												
	16:45-17:00	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-3	**T14SS02(2)** Indoor soundscapes **Papatya Nur Dökmeci Yörükoğlu, Simone Torresin**	**T01RS03(1)** Instrumentation for sound and vibration measurements and analyses **Carmen Amaddeo, Enver Sadıkoğlu**	**T16RS02** Musical acoustics and instruments **Bor-Tsuen Wang, Wen-Chang Tsao, Cem Ömeroğlu, Emir Değirmenli**	**T06RS01(2)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**	**T04SS02** Physics-informed AI, event detection for sound and vibration problems **Tuncay Akal**	**T13RS01** Environmental noise; sources, propagation and effective factors **Selma Kurra, Claudio Guarnaccia, Levent Ersoy, Luca Fredianelli**	**Metamaterials Hackathon: Design Solutions** **Gianluca Memoli**	**T02RS01** Signal processing techniques for acoustic array systems and inverse problems **Tongyang Shi**	**T08SS01** Control of thermoacoustic instabilities **Dong Yang**	**T07SS01(1)** Vibration energy harvesting & Vibration absorption **Bilsay Sümer**	**T07RS02(3)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**	
	17:00-18:30												
7.7.26 Tuesday	Parallel-1	**T14SS03(1)** Sound quality and product design **Berkay Kullukçu, Reinhard Neubauer**	**T01RS03(2)** Instrumentation for sound and vibration measurements and analyses **Carmen Amaddeo, Enver Sadıkoğlu**	**T16SS08** Virtual acoustic environments **Cheol-Ho Jeong, Kıvanç Kitapcı**	**T06RS03(2)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Giada Kyawoo D'Amore, Gianluca Memoli**	**T04RS01(1)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(1)** Noise modelling, mapping and assessment **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(1)** Ship Machinery vibration and noise **Yipeng Cao**	**T09SS02** Active noise control and sound design for vehicles **Francesco Ripamonti**			**T07SS01(2)** Vibration energy harvesting & Vibration absorption **Bilsay Sümer**	**T07RS02(4)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**	
	08:30-10:00												
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	10:30-11:30	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	*Plenary - Carl Hopkins*	
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-2	**T14SS03(2)** Sound quality and product design **Berkay Kullukçu, Reinhard Neubauer**	**T01RS01** Acoustic imaging and acoustic detection **Adrian Brown, Hazel Yucel**	**LIGHTNING TALK** Auralisation of Istanbul's acoustical heritage buildings **Speaker:Jens Holger Rindel Moderator: Kivanc Kitapci, Cheol-ho Jeong**	**T06RS03(3)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Giada Kyawoo D'Amore, Gianluca Memoli**	**T04RS01(2)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(2)** Noise modelling, mapping and assessment **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(2)** Ship Machinery vibration and noise **Yipeng Cao**	**T09SS03(1)** Noise and vibration in railway transportation **Francisco David Denia, James Talbot**	**T08RS04** Turbomachinery noise and vibration **Larry Li**	**T11RS02** Bioacoustics **Joseph C. S. Lai, Sebastian Oberst**	**T07RS02(5)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**	
	11:45-13:00												
	13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	
	14:00-15:00	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	*Plenary - Shaopu Yang*	
	15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	Parallel-3	**T14RS02(1)** Urban soundscapes **Jian Kang, Aslı Özçevik Bilen, Seda Kulak Dalkılıç**	**T01SS02(1)** Measurement techniques and sensors **Carmen Amaddeo**	**T16SS03** Acoustic design of small rooms, recording studios and rehearsal spaces **Dilara Kelle, Guangzheng Yu**	**T06RS01(3)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**	**T04RS01(3)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(3)** Noise modelling, mapping and assessment / Noise barriers **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(3) / T10SS02** Ship Machinery vibration and noise / Underwater propulsion system vibration and noise **Yipeng Cao / Claudio Testa, Tuncay Akal**	**T09SS03(2)** Noise and vibration in railway transportation **Francisco David Denia, James Talbot**	**T08RS03** Aviation noise, Urban air mobility **Nick Zang, Sergey Karabasov**	**T11RS01** Physiological acoustics **Joseph C. S. Lai , Sebastian Oberst**	**T07RS01(1)** Modal analysis **Evangelos J. Sapountzakis**	
	15:30-16:45												
	16:45-17:00	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-4	**T14SS04** Data Sonification, auditory display and interdisciplinary acoustics applications **Giovanna Tranfo, Volkan Acun**	**T01SS02(2)** Measurement techniques and sensors **Carmen Amaddeo**	**T16RS01** Room acoustics **Antonio Pedrero González, Füsun Demirel, Rok Prislan**	**T06RS02** Vibration damping and acoustic materials **Edoardo Alessio Piana**	**T04RS01(4)** AI applications for sound and vibration problems **Mete Öğüç**	**T03RS02** Active control of vibration **Hamid Reza Karimi**	**T10SS01(1)** Ship underwater radiated noise **Johan Augusto Bocanegra Cifuentes, Venugopalan Pallayil**	**T09SS05** Future mobility acoustics **Jeongho Jeong, Antonio Torija Martinez**	**T08RS01** Aeroacoustics **Dong Yang**	**T12SS02** Whole-Body Vibrations in Off-Road Machinery: Regulations and Future Perspectives **Christian Preti**	**T07RS01(2)** Modal analysis **Evangelos J. Sapountzakis**	
	17:00-18:30												
8.7.26 Wednesday	Parallel-1	**T14SS01** Sound as intangible heritage **Derya Çakır Aydın, Hanife Ayca Dogan Iseri**		**T16SS02** Classroom acoustics: Speech intelligibility, activity noise, and learning environments **Konca Saher, Young-Ji Choi, Hakika Sezgin**	**T15SS01 / T15RS02** Transmission of airborne and structure borne sound in buildings / Building vibrations **Carl Hopkins, Cem Baccıoğlu / Mehmet Okay**	**T04SS01(1)** AI-driven fault diagnosis and condition monitoring & PHM **Tuncay Akal, Volkan Acun**	**T03SS01** Algorithms for active control **Marek Pawelczyk, Maria de Diego Antón**	**T10SS01(2)** Ship underwater radiated noise **Johan Augusto Bocanegra Cifuentes**	**T09RS01(1)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS03** Computational aeroacoustics **Sergey Kakrabasov**	**T12SS01(1)** Occupational noise and health **Yücel Demiral, Antonio Baldassare**	**T07RS03(1)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**	
	08:30-10:00												
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	10:30-11:30	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	*Plenary - Dorte Hammershøi*	
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-2	**LIGHTNING TALK+FILM** The Voice of Hagia Sophia **in Plenary Hall* **Speaker: Bissera Pentcheva Moderator: Derya Cakir Aydin, Hanife Ayca Dogan Iseri**	**T05SS01(1)** Wave propagation in heterogenous and architectured media **Ali Demirci**	**LIGHTNING TALK+FILM** The Voice of Hagia Sophia **in Plenary Hall* **Speaker: Bissera Pentcheva Moderator: Derya Cakir Aydin, Hanife Ayca Dogan Iseri**	**T15RS01** Building acoustics **Marco Caniato, Selma Kurra, Nuri İlgurel**	**T04SS01(2)** AI-driven fault diagnosis and condition monitoring & PHM **Haijun Wu, Volkan Acun**	**T03RS01(1)** Active control of sound & Semi-active control **Stanisław Wrona**	**T10SS03(1)** Ship and harbour noise and vibration **Davide Borelli, Corrado Schenone**	**T09RS01(2)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS05** Acoustic simulation, test, and control in spacecraft **Ling Zheng**	**T12SS01(2)** Occupational noise and health **Yücel Demiral, Antonio Baldassarre**	**T07RS03(2)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**	
	11:45-13:00												
	13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	
	14:00-15:00	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	*Plenary - Antonio J. Torija Martínez*	
	15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	Parallel-3	**T14RS02(2)** Urban soundscapes **Jian Kang, Aslı Özçevik Bilen, Seda Kulak Dalkılıç**	**T05SS01(2)** Wave propagation in heterogenous and architectured media **Ali Demirci**	**T16SS09** Acoustics of multipurpose halls **Youngmin Kwon, Zuhre Su Gul**	**T15SS02** Subjective evaluation of noise and vibration in built environment **Ayca Sentop Dumen, Federica Bettarello**		**T03RS01(2)** Active control of sound & Semi-active control **Stanisław Wrona**	**T10SS03(2)** Ship and harbour noise and vibration **Davide Borelli, Corrado Schenone**	**T09RS01(3)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS04** Propeller/Rotor, Wing, and Wind Turbine Noise **Esmaeel Masoudi**		**T07RS03(3)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**	
	15:30-16:45												
	16:30-18:45	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	*Poster / Project fair*	
9.7.26 Thursday	Parallel-1	**T14SS05** Soundscape Interventions and Good Practice **Keely Siebein, Oguz Oner**	**T05RS02** Physical acoustics **Cihan Bayındır, Li Weibin**	**T16SS07/ T16SS01** Speech Intelligibility / Acoustics in open plan offices **Kıvanç Kitapcı, Nao Hodoshima / Joonhee Lee**	**T06SS01** Acoustic materials and sustainability **Francesco Asdrubali**	**T04SS04(1)** AI and digital methods for acoustics and innovative urban applications **Ayse Glass, Dick Botteldooren, Semiha Yılmazer**		**T10RS01** Underwater sound – measurement and modelling **Adrian Brown, Mehmet Berke Gür**	**T09SS01** Traditional and electrical vehicle noise, vibration and harshness (NVH) **Osman Taha Şen**	**T08SS13** Duct acoustics: propagation, measurement, and noise control with or without flow **Yat Sze Choy**	**T07RS04(1)** Rotor dynamics **Matt Allen**	**T07RS03(4)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**	
	08:30-10:00												
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	
	10:30-11:30	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	*Plenary - Gianluca Memoli*	
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	
	Parallel-2	**LIGHTNING TALK** The Soundscape of Istanbul **Speaker: Pınar Çevikayak Yelmi Moderator: Seda Kulak Dalkılıç, Simone Torresin**	**T05SS02** Nonlinear acoustics and vibrations **Serge Dos Santos, Woon Siong Gan**	**T16SS04** Acoustics of hospitals and healthcare spaces **Donya Dalir, Pyoung-Jik Lee**	**T06RS03(4)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Marco Caniato**	**T04SS04(2)** AI and digital methods for acoustics and innovative urban applications **Ayse Glass, Dick Botteldooren**			**T09SS04** Transportation ground-borne noise and vibration **James Talbot, Robert Arcos**	**HVAC Noise and Vibration Education** **Malcolm Crocker**	**T07RS04(2)** Rotor dynamics **Matt Allen**	**T07RS06** Optimal design, computational vibroacoustics & uncertainty quantification **Shaopu Yang**	
	11:45-13:00												
	13:00-14:00	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	*Closing ceremony*	
	14:00-18:30	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	
10.7.26 Friday		*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	*Technical visits / Social programs*	

6.7.26 Monday	MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
09:00-10:00	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***	***Opening ceremony***
10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*
10:30-11:30	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***	***Plenary - Jens Holger Rindel***
11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*
Parallel-1 **11:45-13:00**	**T14RS01** Psychological acoustics **Mine Ascigil Dincer, Bilge San Ozbilen**	**T01SS01(1)** Sound and vibration measurements and analysis **Baki Karaböce, Enver Sadıkoğlu**	**T05RS01(1)** Ultrasound and ultrasonic measurements & testing **Li Weibin, Özgür Özdemir**	**T06RS03(1)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Marco Caniato**		**T13RS03** Environmental noise impact on health and community response **Elena Ascari, Chiarra Bartalucci, Nilgun Akbulut Coban**		**T02SS01** Computational Methods for Nonlinear Acoustics with AI-Enhanced Approaches **Haijun Wu**	**T08SS06** Thermoacoustic, combustion and hydrodynamic instabilities **Larry Li**	**T07SS04** Prognostics and health management **Heung Soo Kim, Chang-Wan Kim, Jung Woo Sohn**	**T07RS02(1)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**
11:45-12:00	**209- ELECTRIC VEHICLE IN-CABIN DRIVING SOUND CONDITIONS AND DRIVER ATTENTION** Lee Jung Hyub*, Lee Kyoung Hoon, Kang Yeon June	**302- HARDWARE VALIDATED DETECTION OF SHORT ACOUSTIC PINGS BURIED IN NOISE USING MATCHED FILTERING** Ulusan Aykut*	**183- ENERGY DIFFERENCE METHOD FOR TUNABLE FOCAL SIZE IN SPATIOTEMPORAL MODULATION HAPTICS** Jin Janghyun*, Kwak Wooseong, Kim Howuk	**37- COMPLEX-FREQUENCY SIMULATION AND ANALYSIS OF ACTUAL RESONANT SOUND-ABSORBING METAMATERIALS** Xu Qifan, Liu Tuo*		**★FEATURED LECTURE** **990- STANDARDIZATION OF THE ENVIRONMENTAL NOISE ASSESSMENT METHODOLOGIES AND DISCUSSIONS ON ISO/TS 15666** Kurra Selma*		**736- SHIP RECOGNITION METHOD BASED ON MULTIDIMENSIONAL FEATURE FUSION AND OPTIMIZED SUPERVISED LEARNING** Wang Xiaohan, Zhang Dongrui, Li Jing*	**135- EXPERIMENTAL STUDY OF CIRCUMFERENTIAL TEMPERATURE NON-UNIFORMITY AND ITS ACOUSTIC COUPLING IN AN ANNULAR RIJKE TUBE** Sun Jian*, Zhang Guangyu, Wang Xiaoyu, Qin Lei, Li Lei, Sun Xiaofeng	**296- OPTIMIZATION AND EXPERIMENTAL VERIFICATION OF A HIGH-STRAIN PIEZOELECTRIC PATCH SENSOR BASED ON STRETCH-BUCKLING CONVERSION MECHANISM** Yun Jung-Hoon*	**3- MULTIMODAL VIBRATION SUPPRESSION IN A THIN PLATE STRUCTURE USING TWO-DEGREES-OF-FREEDOM SINGLE-SIDED VIBRO-IMPACT NONLINEAR ENERGY SINKS** Li Wenke*, Zhou Yihang, Wang Zhiming, Wu Muyun, Bai Xiongjia, Li Xinhui, Yang Tiejun
12:00-12:15	**695- MISMATCH NEGATIVITY AND PERCEPTUAL THRESHOLDS REVEAL DISSOCIATED SENSITIVITY TO TEMPO CHANGES** Daiki Ito*, Shunsuke Ishimitsu	**472- CONDITION INDICATORS FOR ROLLING BEARING DEGRADATION BASED ON VIBRATION MEASUREMENTS: EXPERIMENTAL RESULTS FROM A CONTROLLED RUN** Dosedel Martin, Hnidka Jakub, Havranek Zdenek*	**609- OCCUPATIONAL EXPOSURE TO ULTRASOUND: THE ITALIAN APPROACH TO RISK ASSESSMENT** Falsaperla Rosaria, Sanna Alessia*, Bogi Andrea, Polichetti Alessandro, Mariconte Raffaele, Annesi Diego, Giliberti Claudia	**708- DEVELOPMENT OF TRIANGLE–LABYRINTH SOUND ABSORBERS: EARLY-STAGE CHARACTERIZATION TOWARD VENTILATED ACOUSTIC METAMATERIALS** Prasetiyo Iwan*, Kemal Agusta Mohammad, D.W. Prasetya Petrus		**990- cont.**		**212- HAM-ML HYBRID FRAMEWORK FOR CONVERGENT SERIES COMPUTATION: A CASE STUDY ON DEEP-WATER STOKES WAVES** Lin Chong, Liao Shijun*	**674- PREDICTING THERMOACOUSTIC INSTABILITY IN A PARTIALLY PREMIXED SWIRL-STABILISED AMMONIA–HYDROGEN COMBUSTOR** Shen Yazhou*, Rizza Raad, Talibi Midhat, Balachandran Ramanarayanan, Morgans Aimee S.	**364- DEEP LEARNING BASED UNCERTAINTY QUANTIFICATION IN PROGNOSTICS AND HEALTH MANAGEMENT OF COMPOSITE STRUCTURES** Kim Heung Soo*, Azad Muhammad Muzammil, Yazdani Muhammad Haris	**51- A FRACTIONAL FORMULATION FOR MODELLING FLUIDELASTIC FORCES** Antunes Jose*, Piteau Philippe, Delaune Xavier, Panunuzio Domenico
12:15-12:30	**702- EFFECTS OF ACOUSTIC FEATURES IN AI-GENERATED INSTRUCTIONAL SPEECH AND LEARNER PERSONALITY TRAITS ON PEDAGOGICAL EFFECTIVENESS** Ikeda Yui*, Asakura Takumi	**182- CUTTING FORCE ESTIMATION IN MILLING PROCESS THROUGH VIBRATION SIGNALS AND ELASTIC NET REGULARIZATION** Zhu H. W., Wu T. Y.*	**644- RAY-BASED GREEN\'S FUNCTIONS FOR PHOTOACOUSTIC IMAGING IN INHOMOGENEOUS MEDIA** Yücel Hazel*, Özdemir Özgür, Perel Maria	**654- A PHOTORESPONSIVE LIQUID CRYSTAL ELASTOMER METAMATERIAL FOR TUNABLE ACOUSTIC ABSORPTION** Suixin Liu*, Yisheng Zheng, Huageng Luo		**960- ESTIMATION OF THE INCREASE IN SLEEP DISTURBANCE CAUSED BY DISTRESSED URBAN ROAD SURFACES** Montenegro Alexandra, Kanka Simon, Fiorella Laura, Moro Antonino, Profumo Domenico, Vatteroni Davide, Bolognese Matteo, Ascari Elena, Razzano Massimiliano, Fidecaro Francesco, Licitra Gaetano*		**904- AI-DRIVEN OPTIMIZATION OF MULTI-CHANNEL LOUDSPEAKER PLACEMENT FOR ACTIVE NOISE CONTROL IN VEHICLE CABINS** Gou Yinong*, Wu Haijun	**139- ACOUSTIC MODELING OF DELAY-COUPLED THERMOACOUSTIC OSCILLATORS FOR DEATH-INDUCING CONDITIONS** Takabatake Yosuke*, Kusudo Hiroki, Shoji Eita, Biwa Tetsushi	**630- NVH ANALYSIS OF EV TRACTION MOTOR WITH ELECTROMAGNETIC-STRUCTURAL COUPLED ANALYSIS** Go Jaekyung, Kim Changwan*, Park Cheonha, Kang Wonmo	**54- FOUR-STEP TIME INTEGRATION METHOD WITH DESIRABLE STABILITY FOR STRUCTURAL DYNAMICS WITH NONLINEAR STIFFNESS** Wang Haoxiang*, Xing Yufeng
12:30-12:45	**713- EFFECTIVENESS AND ACCEPTABILITY OF CROSS-MODAL FEEDBACK FOR CYCLISTS UNDER ROAD TRAFFIC NOISE** Katagiri Kento*, Uemura Ryosuke, Asakura Takumi	**307- APPLICATION OF VIBRATION MEASUREMENT METHODS TO THE STUDY OF LAPTOP FAN NOISE TRANSMISSION** Tang Yao Chi, Chiang Sung Ting*, Li Kuan Hsien, Cheng Cheng, Jia Ren Chang	**698- MULTIPLICATIVE EMISSION ENHANCEMENT OF OMNIDIRECTIONAL ULTRASONIC SH WAVES VIA OVERLAPPING ELASTIC META-SUPERSTRATES** Kim Yoon Young*, Lee Hyuk, Kim Hong Jae, Park Jun Hyeong	**425- BAND GAP RETUNING IN A LOCALLY RESONANT METAMATERIAL VIA ADJUSTABLE RESONATOR MASS POSITION** Lee Minjae*, Son Kiwoon, Kim Seongmin, Park Seonghwan, Kook Junghwan		**106- FROM MEASUREMENTS TO PERCEPTION: COMMUNITY ENGAGEMENT IN LIFE NOISE MITIGATION PROJECTS** Chiara Bartalucci*, Sergio Luzzi, Raffaella Bellomini, Francesco Borchi		**980- TARGET-DEPENDENT CUE RANKINGS IN PROSODIC PROMINENCE: COMPARING HUMAN AND CWT LABELS** Kosuke Shimizu*, Keiichi Zempo	**208- ACOUSTIC CROSS-TALK IN CAN-ANNULAR COMBUSTORS: A 3-D MODE MATCHING METHOD AND ITS APPLICATION IN LOW-ORDER THERMOACOUSTIC NETWORK MODELS** Char Yi Ting*, Beita Jadeed, Morgans Aimee S.	**634- DEEP LEARNING FRAMEWORKS FOR INTELLIGENT STRUCTURAL HEALTH MONITORING OF LAMINATED COMPOSITES** Munyaneza Olivier, Sohn Jung Woo*	**59- RESEARCH OF INERTIA-AMPLIFIED NONLINEAR ABSORBER FOR LIGHTWEIGHT STRUCTURES** Yao Yi, He Mengxin, Ding Qian*
12:45-13:00	**880- ASSESSING THE SOUNDSCAPE OF EDUCATIONAL BUILDINGS: A PSYCHOACOUSTIC AND PERCEPTUAL APPROACH IN SCHOOLS AND UNIVERSITIES** Asdrubali Francesco*, Chiatti Chiara, Barbaro Leone Maria, Di Giuseppe Alessia, Merli Francesca	**165- EXPERIMENTAL INVESTIGATION OF EXTERNALLY INDUCED INTRUSIVE ACTIVITIES IN PIPELINES USING MULTI-SENSOR VIBRATION MEASUREMENTS** Shah Bhumiben, Muthalif Asan*, Salem Ayman	**440- AIR-COUPLED ULTRASOUND IMAGING OF MOTHS: A COMPARATIVE STUDY USING BACK PROJECTION AND FILTERED BACK PROJECTION** Liu Huimin*, Kennedy Ella, Van Renterghem Timothy, D'Alba Liliana, Halfwerk Wouter, D Shawkey Matthew			**978- ACOUSTICS-MIND-BODY-SPACE WITH AI TECHNOLOGY FOR CHILDREN WITH AUTISM** Kanakri Shireen*		**945- RESEARCH ON THE CHARACTERISTICS OF BENDING TORSIONAL COUPLED VIBRATION INDUCED BY EARLY RUBBING OF A ROTOR SYSTEM** Jing Wang*, Ya He, Wen Jihong		**700- IDENTIFICATION OF TIME CHARACTERISTICS OF IMPACT LOAD UNDER RANDOM DISTURBANCE BASED ON CLUSTERING METHOD** Lin Ruishen*, Luo Yajun, Zhang Yahong, Xie Shilin	**105- EFFICIENT LIE GROUP TIME INTEGRATION AND EXPERIMENTAL VALIDATION FOR NONLINEAR DEPLOYMENT OF LARGE SPACE STRUCTURE** Li Jiayang*, Ji Yi
13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
14:00-15:00	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***	***Plenary - Zuhre Su Gul***
15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
6.7.26 Monday	Parallel-2 15:30-16:45	**T14SS02(1)** Indoor soundscapes **Papatya Nur Dökmeci Yörükoğlu, Simone Torresin**	**T01SS01(2)** Sound and vibration measurements and analysis **Baki Karaböce, Enver Sadıkoğlu**	**T05RS01(2)** Ultrasound and ultrasonic measurements & testing **Li Weibin, Özgür Özdemir**	**T06RS01(1)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**		**T13SS02** Environmental noise management policies and good practices **Ekim Şükrü Bakırcı, Simon Shilton, Arnaldo Melloni**	**Metamaterials Hackathon: Design Solutions** **Gianluca Memoli**	**T02RS02** Fault diagnosis and prognosis **Tawhidul Islam Khan**	**T08SS02** Combustion noise and thermoacoustics **Juan Guzman-Inigo**	**T07SS02** Dynamic substructuring and frequency based substructuring **Nevzat Özgüven**	**T07RS02(2)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**
	15:30-15:45	**324- INDOOR SOUNDSCAPE IMPLICATIONS OF PERSONALIZED ENVIRONMENTAL CONTROL SYSTEMS FOR THERMAL AND AIR QUALITY CONTROL** Simone Torresin*, Francesco Aletta, Mariya Bivolarova, Larissa Pereira De Souza, Seda Yuksel Dicle, Pyoung-Jik Lee, Josep Llorca-Bofí, Henna Maula, Dolaana Khovalyg	**491- ROAD SURFACE MONITORING USING MACHINE LEARNING** Amoako Koduah, Zahui Djedje-Kossu*, Pasch Timothy	**718- ELECTROMECHANICAL RESPONSE OF ULTRASONIC PIEZOELECTRIC TRANSDUCERS VIA ADMITTANCE SPECTROSCOPY AND OPEN-SOURCE MODELLING** Öğüç Mete*, Dinçbakır Cenk	**202- PARALLEL ACOUSTIC METAMATERIAL INTEGRATING POROUS MEDIA AND GRADED RESONATORS FOR LOW-FREQUENCY ABSORPTION** Zhou Yu, Li Dongyang, Zhang Yapeng, Hu Jiaxin*, Liu Xiaoang, Chen Long, Liu Qiuchen		**534- AN INTEGRATED DECISION-SUPPORT FRAMEWORK FOR ROAD TRAFFIC NOISE MITIGATION COMBINING ACOUSTIC INDICATORS AND STAKEHOLDER PERCEPTION** D'Alessandro Francesco*, Ariza Alvarez Maria Luisa, Marsano Maria Josè, Schiavoni Samuele, Zahra Denise Marie, Asokan Aswina, Creoma Maria Clara		**482- AN AUGMENTED KALMAN FILTER BASED OBSERVATION COMPENSATION METHOD VIA COMPRESSED SENSING FOR UNDER-OBSERVED ROTOR FAULT PARAMETER IDENTIFICATION** Zhang Jiajing*, Zhang Xu, Cheng Jianhua, Ge Fuyu, Jing Jianping	**42- PERFORMANCE OF A TRAVELLING-WAVE THERMOACOUSTIC ENGINE WITH RADIATIVE HEATING** Lawn Chris*	**95- INVESTIGATING OPTIMAL PSEUDO FORCE POSITIONS IN COMPONENT-BASED TPA** Soleri Andrea*, Brunetti Jacopo, D'Ambrogio Walter, Fregolent Annalisa	**118- QUASI-ZERO-STIFFNESS VIBRATION ISOLATION VIA COMPLIANT MECHANISMS WITH NONLINEAR ELASTIC BOUNDARY CONDITIONS** Niu Mu-Qing*, Chen Yuhao, Fan Yimin, Chen Li-Qun
	15:45-16:00	**349- USING STEVENS\' POWER LAW TO PREDICT SENSITIVITY OF PERCEPTUAL ATTRIBUTES TO ROOM ACOUSTICS PARAMETERS** Al-Bayyar Zinah*, Dokmeci Yorukoglu Papatya Nur	**499- THREE DIMENSIONAL SOUND FIELD VISUALIZATION AND MODAL CHARACTERIZATION OF A REVERBERANT CHAMBER** Puljizevic Maro*, Poljansek Tadej, Fernandez Comesana Dani, Lam Theo	**921- IMPLEMENTING RESONANT ULTRASOUND AND PIEZOELECTRIC SPECTROSCOPY: A METHODOLOGICAL OVERVIEW FOR THE ACOUSTICS COMMUNITY** Aktas Oktay*	**937- SPATIO-TEMPORAL EVOLUTION OF EARLY ACOUSTIC SCATTERING FROM FINITE RIGID AND POROUS PLATES UNDER GRAZING INCIDENCE: AN EXPERIMENTAL STUDY** Yürek Arif Onur*, Öyry Aleksi, Lokki Tapio		**414- A MULTI-STAGE REGULATORY FRAMEWORK FOR WIND TURBINE NOISE IN TüRKIYE** Ersoy Levent*		**578- A PHYSICALLY CONSISTENT CONVOLUTION MODEL FOR SIMULATING AE SIGNAL WITH ACCURATE SENSOR RESPONSE** Khan Tawhidul Islam*, Hasan Md Mehedi, Md Mehedi Hassan, Shuya Ide	**74- EFFECT OF CLOCKING ON ENTROPY NOISE IN A BLADE CASCADE** Yin Liming*, Guzman-Inigo Juan	**288- EXPERIMENTAL TRANSFER PATH ANALYSIS FOR IN-SITU FORCE IDENTIFICATION IN A PULSE TUBE CRYOSTAT** Brunetti Jacopo, Berardi Rodolfo, D'Addabbo Antonio, D'Ambrogio Walter, D'Eramo Serena*	**138- MODAL COUPLING RESPONSES AND HYDRODYNAMIC EVOLUTION IN LOW-MASS-RATIO TWIN-CYLINDER VORTEX-INDUCED VIBRATION** Zou Kai*, Tong Xiandong, Chen Yong
	16:00-16:15	**380- SUBJECTIVE AND OBJECTIVE EVALUATION OF CAFéS SOUNDSCAPE** Kim Su-Bi*, Hong Joo-Young, Ryu Jongkwan	**800- STRATEGIC RESEARCH AGENDA FOR ACOUSTICAL METROLOGY** Sadikoglu Enver*	**3006- MODAL DECOMPOSITION OF LOCAL DEFECT RESONANCE IN PLATES: IDENTIFICATION OF RESONANCE PATTERNS AND CONSTITUENT LAMB WAVE MODES** Lan Zifeng*, Okabe Yoji, Deng Mingxi, Li Weibin	**123- IMPACT OF MANUFACTURING-INDUCED DEFECTS ON THE ACOUSTIC ABSORPTION OF 3D-PRINTED STRUCTURES** Rastegar Niloofar*, Fotsing Edith Roland, Vidal David, Ross Annie		**721- FROM STRATEGIC MAPPING TO URBAN ACTION: A LONGITUDINAL ANALYSIS OF ENVIRONMENTAL NOISE MANAGEMENT IN ROMANIA (2007-2025)** Popescu Diana Ioana*		**717- A NONLINEAR DYNAMICS AND BUCKINGHAM PI-BASED APPROACH TO VIBRATION-DRIVEN RUL PREDICTION OF ROLLING ELEMENT BEARINGS** Bhat Ramesh*, Singru Pravin, Joshi Ramprasad	**83- NEW DESIGN OF BURNER DECK FOR HYDROGEN BOILERS. THERMOACOUSTICS AND FLASHBACK ASPECTS** Kornilov Viktor*, Shoshin Yuri, Beishuizen Nijso, Mi Xiaocheng, Oijen Jeroen	**321- A TWO-STEP SYSTEM EQUIVALENT MODEL MIXING PROCEDURE AND ITS IMPLEMENTATION IN COMMERCIAL SOFTWARE** Hwang Jeongho, Lee Jihyeon*, Jeong Wontae, Park Seoryong, Kang Kwihyun, Yoo Seongsik, Kim Jin-Gyun	**224- TUNABLE BANDGAPS IN NONLINEAR METAMATERIAL PLATES BASED ON EULER-BUCKLED BEAMS** Jiang Hu*, Du Jingtao, Liu Yang
	16:15-16:30	**397- ATTENTION CONTROL UNDER VARYING ACOUSTIC CONDITIONS IN INFORMAL LEARNING SPACES: CONTROLLED LISTENING EVIDENCE** Şahin Zekiye*, Yılmazer Semiha, Afacan Yasemin	**3011- DUAL-SURFACE SOUND FIELD SEPARATION AND HALF-SPACE PREDICTION IN REFLECTIVE BASINS** Ye Shanjun*, Wang Bin, Fan Jun, Zhao Kaiqi, He Tengjiao	**3010- NONLINEAR GENERATION OF ZERO-GROUP VELOCITY MODE FOR LOCALIZED ENERGY FOCUSING IN A BENT STRUCTURE** Zhang Changyu*, Lan Zifeng, Song Qiang, Deng Mingxi, Li Weibin	**561- STUDY ON MICROSLIT PANEL (MSP) SOUND ABSORBERS: SLIT PATTERN VARIATIONS FOR ARTISTIC PURPOSES** Dzul Rasul Zahra, Prasetiyo Iwan*, Herrin David, Kurnia Putra Narendra, Azis Azma Putra		**628- CONTINUOUS NOISE MONITORING IN COMPLEX URBAN ENVIRONMENTAL OBSERVATION SYSTEMS: FIRST-YEAR OPERATIONAL EXPERIENCES** Kocsis Denes*, Zairi Houssem		**787- DIAGNOSIS OF GEAR MESH VIBRATION INFLUENCED BY TOOTH TIP MODIFICATION USING EEMD** Chen Yi-Cheng*, Wang Zhi-Gen, Lin Chien-Wen	**975- REVISITING THE PHYSICAL INTERPRETATION OF ENTROPY NOISE** Guzman-Inigo Juan*	**448- SPIDERING FOR INTERFACE REDUCTION AND SUBSTRUCTURING IN STRUCTURES WITH FRICTIONAL INTERFACES** Allen Matthew*, Bahr Brennan, Crapo Benjamin	**168- NON-HERMITIAN SKIN EFFECT IN NETWORK-COUPLED OSCILLATORS** Mao Jiawei*, Chen Haotian, Liu Shuai, Gao Penglin, Qu Yegao
	16:30-16:45	**462- USER-ADJUSTED WATER-BASED SOUND MASKING IN OFFICES: PREFERRED LEVELS ACROSS TASK AND REST CONTEXTS** Bi Minghe*, Kim Geonhee, Hong Jooyoung	**958- REAL TIME FAULTS DETECTION IN INDUCTION MOTORS** Deboucha Abdelhakim*, Kodakadath Premachandran Rammohan, Algabroun Hatem, Dugic Izudin, Håkansson Lars		**554- SOUND TRANSMISSION LOSS OF A DISSIPATIVE LOUVERED NOISE BARRIER** Kanev Nikolay*, Dolger Alexander		**476- THE LIFE OPTIMUS PROJECT AND FLORENCE'S EXPERIENCE WITH SILENT ASPHALT** Melloni Arnaldo*, Pecchioni Gessica		**3005- SUBDOMAIN COINTEGRATION FOR EARLY MISALIGNMENT DETECTION IN ROTATING MACHINERY** Szewczyk Sylwester*, Staszewski Wiesław, Barczewski Roman, Szlosek Marcin, Dao Phong	**227- DOMAIN-DECOMPOSITION PHYSICS-INFORMED NEURAL NETWORK APPROACH FOR THE ACOUSTIC BOUNDARY IMPEDANCE ESTIMATION OF A COMBUSTION CHAMBER MODEL** Aoqi Li*, Jingtao Du, Yang Liu	**497- MULTIPLE CUBIC NONLINEARITIES UPDATING USING RESPONSE-CONTROLLED TESTING FRAMEWORK** Abdul Rani Muhamad Norhisham, Rousou Konstantinos, Bahari Abdul Rahim, Kyprianou Andreas*	**164- NONLINEAR DYNAMICS AND ENERGY DISSIPATION OF NON-SPHERICAL PARTICLE TRANSPORT IN VIBRATING RISERS** Can Yang*, Haipeng Qiu, Haipeng Zhen, Hailong Chen
	16:45-17:00	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
6.7.26 Monday	Parallel-3 17:00-18:30	**T14SS02(2)** Indoor soundscapes **Papatya Nur Dökmeci Yörükoğlu, Simone Torresin**	**T01RS03(1)** Instrumentation for sound and vibration measurements and analyses **Carmen Amaddeo, Enver Sadıkoğlu**	**T16RS02** Musical acoustics and instruments **Bor-Tsuen Wang, Wen-Chang Tsao, Cem Ömeroğlu, Emir Değirmenli**	**T06RS01(2)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**	**T04SS02** Physics-informed AI, event detection for sound and vibration problems **Tuncay Akal**	**T13RS01** Environmental noise; sources, propagation and effective factors **Selma Kurra, Claudio Guarnaccia, Levent Ersoy, Luca Fredianelli**	**Metamaterials Hackathon: Design Solutions** **Gianluca Memoli**	**T02RS01** Signal processing techniques for acoustic array systems and inverse problems **Tongyang Shi**	**T08SS01** Control of thermoacoustic instabilities **Dong Yang**	**T07SS01(1)** Vibration energy harvesting & Vibration absorption **Bilsay Sümer**	**T07RS02(3)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**
	17:00-17:15	**533- THE EFFECT OF SOUNDSCAPE PERCEPTION ON PLACE ATTACHMENT: A COMPARATIVE STUDY OF UNIVERSITY DORMITORIES** Yildiz Oya*, Yilmazer Semiha, Sahmaran Ceren, Ugurlu Zeynep, Sen Cem Kaan	**96- SEPARATE MEASUREMENT OF OUT-OF-PLANE AND IN-PLANE VIBRATIONS OF A BEAM USING DISTRIBUTED ACOUSTIC SENSING (DAS)** Demarquay Némo*, Gautier François, Pouye Augustin, Rondeau Anthony, Feuilloy Mathieu	**112- DESIGN PHILOSOPHY AND ANALYSIS METHODOLOGY FOR TUNED PERCUSSION INSTRUMENT WITH SPECIAL SOUND EFFECT** Wang Bor-Tsuen*, Wu Ying-Hui, Tsao Wen-Chang	**720- GEOMETRIC INVESTIGATION OF A MULTI-CELL MICROPERFORATED PANEL COUPLED WITH PANEL RESONATORS INCORPORATING HELMHOLTZ NECK STRUCTURES FOR BROADBAND NOISE SUPPRESSION** Xiong Zihao, Yeang Wai Yeen, Halim Dunant*, Yi Xiaosu, Lai Nai Yeen Gavin	**215- DEVELOPMENT OF A STACKING ENSEMBLE LEARNING MODEL FOR SEAWATER SELF-CIRCULATING COOLING SYSTEM FLOW INDUCED NOISE** Wang Jiao*, Cao Yipeng, Zhan Xu	**63- PREDICTIVE AND EXPERIMENTAL ASSESSMENT OF THE ACOUSTIC IMPACT OF AN INDOOR SHOOTING RANGE: ACOUSTIC DESIGN, UNI EN ISO 9613-BASED MODELING AND MITIGATION STRATEGIES** Augusto Papa*		**278- A COMPACT ROTATIONAL BINAURAL AUDITORY SYSTEM FOR SOUND SOURCE LOCALIZATION IN HUMAN ROBOT INTERACTION** Kim Hyun Kyoon*, Ahn Se Min, Moon Hui Jae, Kang Yeon June, Ahn Sung Hoon	**519- A NOVEL ACOUSTIC ANECHOIC TERMINATION DESIGN FOR A WIDE FREQUENCY AND MEAN FLOW MACH NUMBER RANGE** Zhang Hanzhuo*, Li Chaowei, Sa Bowen, Yang Dong	**154- SELF-REGULATING ENERGY HARVESTER FOR HUMAN MOTION MONITORING: DESIGN AND EXPERIMENTAL VALIDATION** Zhao Linchuan*, Wang Xuanjun, Chen Zewen, Gao Qiuhua, Wu Zhiyuan, Meng Guang, Zhang Wenming, Chen Da, Zou Hongxiang	**254- VORTEX-INDUCED VIBRATIONS IN IDLING WIND TURBINE BLADES: INFLUENCE OF WIND SPEED AND PITCH ANGLE WITH MITIGATION RECOMMENDATIONS** Datta Nabanita, Kumawat Shreeji*
	17:15-17:30	**557- ACOUSTIC SENSATION AND SATISFACTION MODIFIED BY SOUND LEVELS AND PERCEIVED CONTROL IN OFFICES** Yuksel Dicle Seda*, Aletta Francesco, Kang Jian	**121- ESTIMATING MATERIAL ABSORPTION COEFFICIENTS USING THE SOUND FIELD SCANNING METHOD** Decloux Antoine*	**187- MACHINE RECOGNITION OF TONES FROM DIFFERENT VIOLINS** Fu Lei*, Zhang Ailin, Wang Zhaowu, Hou Shaoshuai	**942- IMPEDANCE-TUNABLE HYBRID ACOUSTIC ABSORBER COMBINING MICRO-PERFORATED PANELS, RESONATORS, AND SHUNT LOUDSPEAKERS** Jongha Shin*, Je-Heon Han	**419- PHYSICS-INFORMED DIFFUSION MODELS WITH POSTERIOR FOR PHYSICS-CONSISTENT ACOUSTIC FIELD PREDICTION** Lee Jaewan*, Kim Jungin, Kook Junghwan	**525- TESTING MACHINE LEARNING REGRESSION ALGORITHMS FOR ROAD TRAFFIC NOISE LEVELS PREDICTION AT VARIOUS SOURCE-RECEIVER DISTANCES** Rossi Domenico*, Mascolo Aurora, Di Filippo Andrea, Singh Daljeet, Guarnaccia Claudio		**357- TARGET LOCALIZATION BASED ON SYNTHETIC APERTURE MATCHED FIELD PROCESSING** Yan Xian*, Piao Shengchun, Tong Qian	**141- ADAPTIVE CONTROL OF COMBUSTION OSCILLATION BASED ON RL-TUNED PARAMETERS** Huang Song*, Li Donghai, Zhu Min	**108- EMBEDDED PZT-CFRP PIEZOELECTRIC ENERGY HARVESTERS FOR AIRCRAFT APPLICATIONS** Choudhary Radhika*, Rzig Imen, Fotsing Edith Roland, Ross Annie	**327- YNAMIC COUPLING OF DRIVE-TRAIN AND THIN-WALLED ACOUSTIC PARTS IN CNC MACHINING** Liangyuan Deng*, Yanqiang Liu, Zunmin Geng
	17:30-17:45	**636- PERCEIVED FUNCTIONAL MEANING OF SMART SPEAKER SOUNDS IN RESIDENTIAL SPACES FOR ENHANCED INDOOR SOUNDSCAPE EVALUATION** Alkan Abdullah*, Dökmeci Yörükoğlu Papatya Nur, Homaida Ammar	**145- TESTING DEVICE FOR INTELLIGENT SOUND INTERACTIVE PRODUCT BASED ON VIRTUAL SOUND FIELD** Qin Zhaoqi*, Qian Zhuo, Niu Feng, He Longbiao, Feng Xiujuan, Zhang Xiaoli	**377- MODAL BEHAVIOR COMPARISON OF TWO TYPES OF CELLO BRIDGES** Zhang Ailin, Fu Lei*, Wei Xiaoqi, Ou Junqi	**392- SLOW SOUND EFFECTS IN RAINBOW TRAPPING SILENCERS** Francoz David*, Maury Cédric, Bravo Teresa	**553- GENERATIVE VIBRO-ACOUSTIC ANOMALY DETECTION IN VARIABLE-SPEED MACHINERY VIA CROSS-MODAL MASKED SPECTROGRAM RECONSTRUCTION** Yuan Hongling*, Wang Ke, Gan Tian, Huang Zhenyu	**526- EXPLORATORY DATA ANALYSIS AND CLUSTERING TECHNIQUES FOR ENVIRONMENTAL NOISE LEVELS AND METEOROLOGICAL DATA DESCRIPTION** Rossi Domenico*, Mascolo Aurora, Guarnaccia Claudio		**365- STATISTICALLY OPTIMIZED NEAR-FIELD ACOUSTIC HOLOGRAPHY WITH VECTOR SENSOR ARRAY** Cui Zhenming, Shi Tongyang*, Wu Ming, Yang Jun	**170- MITIGATION OF COMBUSTION INSTABILITIES THROUGH SECONDARY FUEL/AIR INJECTION IN A PREMIXED COMBUSTION SYSTEM** Farhan Sheikh Muhammad*, Xue Chenyang, Chenzhen Ji, Tong Zhu	**175- EXPERIMENTAL STUDY ON A NOVEL SANDWICH DAMPED CANTILEVER TUNED MASS DAMPER (SDC-TMD) FOR HIGH-FREQUENCY VIBRATION CONTROL OF WALL PANELS** Dong Fei*, Sun Feifei	**443- VIRTUAL SIMULATION ANALYSIS OF MISALIGNED TAIL DRIVE SHAFT SYSTEMS CONSIDERING THE FRICTIONAL NONLINEARITY OF DIAPHRAGM COUPLING** Zang Chaoping*
	17:45-18:00	**3052- INDOOR SOUNDSCAPE AND SPACE QUALITY EVALUATIONS OF UNIVERSITY OFFICE USERS THROUGH AN INTERVIEW PROTOCOL STAGE** Aburawis Ayad*, Dokmeci Yorukoglu Papatya Nur	**220- BEHAVIORAL ANALYSIS AND CONFIGURATION DESIGN OF GROUND MICROPHONES FOR FAR-FIELD FREE-FIELD NOISE MEASUREMENT** Chen Jie*, Xiang Yang, Hou Yongbo	**460- FROM SOUND AND VIBRATION MEASUREMENTS TO SIMULATION INTELLIGENCE IN MUSICAL ACOUSTICS** Erkut Cumhur*	**104- AN INNOVATE DESIGN OF COMBAT EXPANDABLE PLATFORMS (CEPS)** Allaei Daryoush*, Emdadi Arezoo	**629- PHYSICS-GUIDED TRANSFORMER FOR REMAINING USEFUL LIFE PREDICTION OF ROLLING BEARINGS WITH MULTI-DOMAIN FEATURE OPTIMIZATION** Wang Jiahao*, Jin Guoyong, Ye Tiangui, Xie Xiang, Ma Xianglong	**587- A HARMONIZED MULTI-CRITERIA DATABASE FOR THE EVALUATION OF LOW-NOISE PAVEMENTS: DATA STRUCTURE AND METRICS FROM THE LIFE OPTIMUS PROJECT** Fredianelli Luca*, Ascari Elena, Cerchiai Mauro, D'Alessandro Francesco, Moro Antonino, Borchi Francesco, Bellomini Raffaella, Bartalucci Chiara		**477- REDUCTION OF NONLINEAR DISTORTION IN NONLINEAR BEAMFORMER BASED ON DEEP NEURAL NETWORKS** Mizumachi Mitsunori*, Nakashima Toru	**177- SUPPRESSIVE EFFECT OF ELEVATED INLET TEMPERATURE ON THERMOACOUSTIC INSTABILITY IN A DIFFUSION ARRAYED MICRO-TUBE HYDROGEN COMBUSTOR** Qin Ziyu*, Lin Yuzhen, Chang Yunxin, Feng Wenbin, Han Xiao	**231- PIEZOELECTRIC ENERGY HARVESTING ARRAY EMBEDDED IN A HONEYCOMB SANDWICH STRUCTURE** Adsiz Alkim*, Sumer Bilsay, Balci Mehmet N., Sahin Korhan	**475- INVESTIGATION OF NONLINEAR DYNAMICS USING SINUSOIDAL FORCE EXCITATION WITH AMPLITUDE AND FREQUENCY SWEEPS** Cankayali Uluc*, Maeder Marcus, Marburg Steffen
	18:00-18:15	**313- CLASSROOM SOUNDSCAPES IN THE ABSENCE OF VISION: SCOPING REVIEW AND CONCEPTUAL SYNTHESIS** Oriana Gradeles-Scislowic, Simone Torresin*, Lindsay N. Harris	**150- SOUND TRANSMISSION ANALYSIS OF ONSHORE WIND TURBINES IN A POOL ENVIRONMENT** Tsao Wen-Chang*, Li Cheng-Zhang, Wang Bor-Tsuen, Huang Jyun-Pu, Cai Meng-Qi	**842- THE EFFECT OF WEAVING VARIATION ON THE VIBRATION CHARACTERISTICS OF BUNDENGAN LATTICE SHELLS** Kusumaningtyas Indraswari*, Fahmi Sani Brillian, Parikesit Gea Oswah Fatah		**974- PREDICTIVE ANALYSIS OF LAUNDRY DISTRIBUTION VIA RESONANCE REGION DYNAMICS** Kaya Burcu*, Şendur Polat, Phd.	**963- OPTIMIZING CPX MICROPHONE POSITIONING FOR IMPROVED ROADSIDE PASS-BY NOISE CORRELATION** Nencini Luca*, Bianco Francesco, Teti Luca		**573- HIGH-RESOLUTION INSTANTANEOUS ROTOR SPEED ESTIMATION VIA ITERATIVE FUNDAMENTAL FREQUENCY TRACKING OF ACOUSTIC SIGNALS** Dun Yuzhe*, Xiao Yuqi, Zhang Zhicheng, Tan Qichen, Zhou Peng, Zhang Xin	**185- OSCILLATION MODES AND FLAME STRUCTURE TRANSITIONS IN A LEAN-RICH GAS WATER HEATER** Wang Ziyu*, Zhu Tong, Ji Chenzhen	**276- EFFECTS OF VIBRATION MAGNITUDE AND EXCITATION DIRECTION ON THE REMOVAL MECHANICS OF PMMA-CEMENTED HIP PROSTHESES** Kadoura Ahmed*, Abdul Jalil Nawal Aswan, Azman Muhammad Amin	**480- DYNAMIC CHARACTERISTICS OF HIGH-MAGNETIC-FLUX-DENSITY QUASI-ZERO STIFFNESS VIBRATION ISOLATION SYSTEMS** Ma Zhaozhao*, Zhou Ruiping, Ding Longqi, Yu Yonghua, Dong Zhangbing, Yang Qingchao
	18:15-18:30	**824- EVALUATING CHANGES IN OFFICE SOUNDSCAPES DUE TO THE INTRODUCTION OF METAMATERIAL STRUCTURES** Memoli Gianluca*, Torresin Simone, Chisari Letizia		**835- LANGUAGE BACKGROUND EFFECTS ON FORMANT AND PITCH CONTROL IN OPERATIC SOPRANO SINGING** Sun Yuwen*, Li Linxue, Jiang Lei			**591- TOWARD A FIELD-ORIENTED DATASET OF ACOUSTIC FAULT EVENTS IN WIND TURBINES** Fredianelli Luca*		**639- BLADE CRACK EARLY WARNING VIA DYNAMIC FREQUENCY TRACKING USING BLADE TIP TIMING** Ma Yunyang*, Qiao Baijie, Zhao Shuheng, Cheng Qiwen, Chen Xuefeng		**236- VIBRATION ANALYSIS AND OPTIMIZATION OF A GONDOLA LIFT SUSPENSION UNDER UNBALANCED LOADING** Maedeh Youran, Somaye Mohammadi*, Mehrdad Mollazadeh Ghomi	**603- DYNAMICS AND AEROELASTICITY OF PROGRAMMABLE AUXETIC METASTRUCTURE-BASED VARIABLE CAMBER WING SKELETON** Li Ergao*, Tian Wei
	18:30-18:45	**886- SOUNDSCAPE INTERVENTIONS IN COMMERCIAL TRANSITIONAL SPACES: EFFECTS ON STAY INTENTION AND SPENDING** Wongso Elsa Nalita*, Xie Hui					**486- ENVIRONMENTAL NOISE MANAGEMENT BEYOND THE END** Shilton Simon*		**865- HIGH-RESOLUTION TWO-DIMENSIONAL DOA ESTIMATION FOR DOUBLE PARALLEL LINEAR ARRAYS VIA WAVELET-DOMAIN PHASE CORRECTION** Wen Jiani*, Wang Jian, Li Haisen, Xing Tianyao			**607- VIBRATION SUPPRESSION OF NONLINEAR METASTRUCTURE WITH SMOOTH CLEARANCE NONLINEAR OSCILLATORS** Gao Xiangguo*, Tian Wei, Yang Zhichun

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
7.7.26 Tuesday	Parallel-1 08:30-10:00	**T14SS03(1)** Sound quality and product design **Berkay Kullukçu, Reinhard Neubauer**	**T01RS03(2)** Instrumentation for sound and vibration measurements and analyses **Carmen Amaddeo, Enver Sadıkoğlu**	**T16SS08** Virtual acoustic environments **Cheol-Ho Jeong, Kıvanç Kitapcı**	**T06RS03(2)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Giada Kyawoo D'Amore, Gianluca Memoli**	**T04RS01(1)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(1)** Noise modelling, mapping and assessment **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(1)** Ship Machinery vibration and noise **Yipeng Cao**	**T09SS02** Active noise control and sound design for vehicles **Francesco Ripamonti**		**T07SS01(2)** Vibration energy harvesting & Vibration absorption **Bilsay Sümer**	**T07RS02(4)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**
	08:30-08:45											
	08:45-09:00	No Show **453- A RESEARCH ON SOUND QUALITY EVALUATION METHOD OF VEHICLE BASED ON GBDT MODEL** Qian Kun, Zhao Shengtong*, Wang Jingda, Ma Chenjun, Wang Xiyao, Li Guizhou	**373- ADAPTIVE TIME-FREQUENCY DIFFERENCE SPECTRUM AMPLITUDE MODULATION FOR MOTOR REDUCER FAULT DIAGNOSIS** Zhang Jin*, Sun Bingtao, Wu Xiaowen, Xiang Jiawei	**166- EXPERIMENTAL EVALUATION OF BINAURAL SYNTHESIS BASED ON OPTIMAL SOURCE DISTRIBUTION FOR MULTIPLE LISTENERS** Yairi Motoki*, Hara Kento, Hoshino Tsuguto, Takeuchi Takashi, Nelson Philip A			**897- VERTICAL NOISE DISTRIBUTION SIMULATION OF HIGHWAY TRAFFIC USING CADNA/A SOFTWARE: A CASE STUDY IN URBAN RESIDENTIAL AREAS** Lu Kexin*, Yuan Minmin	**218- WRAPPED CAUCHY MODELING AND PARAMETER VARIATION ANALYSIS OF SOUND-INTENSITY DIRECTION DISTRIBUTION** Shi Jiayao*, Guo Junyuan, Gong Lijia			**3034- OPTIMIZED PIEZOELECTRIC ENERGY HARVESTER FOR SMART TRANSPORTATION** Sallam Kouritem*, Salem Bashmal, Mustafa Alshaqaq	**888- SCALING LAW FOR DOMINO TOPPLING WAVE PROPAGATION SPEED** Sun Bo Hua*
	09:00-09:15	**85- PERCEIVED ANNOYANCE IN MULTI-SOURCE ELECTRIC VEHICLE AVAS ENVIRONMENTS** Kullukcu Berkay*, Krautwurm Jonas, Atamer Serkan, Altinsoy Ercan	**230- RESEARCH AND APPLICATION OF FORCE-LIMITED VIBRATION TESTING TECHNOLOGY FOR SATELLITES ——DESIGN AND VALIDATION OF A FORCE RING SYSTEM** Wu Yao*, Ma Qinggang, Cao Xiaobo, Jin Zijian, Yu Yihui, Li Xinming	**70- NUMERICAL OPTIMIZATION OF INVERSE FILTER DESIGN IN BINAURAL SYNTHESIS BASED ON THE OPTIMAL SOURCE DISTRIBUTION** Hara Kento*, Hoshino Tsuguto, Yairi Motoki, Takeuchi Takashi, Nelson Philip A	**190- IMPROVING THE OFF-AXIS RESPONSE OF TWEETER'S RADIATION WITH AN ACOUSTIC METASURFACE** Wang Cheng*, Liu Tuo	**330- SOUND FIELD ESTIMATION BASED ON TRANSFORMER AND COMPLEX-VALUED NEURAL NETWORKS** Luo Jiaxing*, Wu Xudong, Zhang Cong	**137- OUTDOOR CONCERT SOUND PROPAGATION MODELING BASED ON ACTUAL ACOUSTIC MEASUREMENT** Sumii Asuka*, Yoshida Junji	**126- RESEARCH ON NOISE PREDICTION METHODS BASED ON FINITE ELEMENT AND BOUNDARY ELEMENT METHODS** Liu Shuai*, Li Wanyou, Xiong Furui, Huang Xuan, Feng Zhipeng, Jiang Xiaozhou	**62- DIGITAL INTEGRATION CHALLENGES IN A2B-BASED ACTIVE NOISE CONTROL: MANAGING LATENCY CONSTRAINTS AND OPTIMIZING SENSOR DYNAMIC RANGE** Cristofalo Marco, Botti Tommaso, Botti Nicolò, Izzo Stefano, Oliva Alfonso, Ripamonti Francesco*, Donaldson Mark		**828- MODELING, ANALYSIS AND CONTROL OF A ROTOR-BEARING SYSTEM BASED ON DUFFING-VAN DER POL OSCILLATORS** Mendoza-Solana Jorge Mahonri*, Silva-Navarro Gerardo	**899- REGENERATIVE CHATTER STABILITY ANALYSIS OF GRINDING FOR THIN-WALLED AEROSPACE COMPOSITE MATERIALS** Liu Minghui, Niu Junchuan*
	09:15-09:30	**376- PERCEPTUAL CLASSIFICATION OF ROAD NOISE USING CLUSTER ANALYSIS AND MULTIDIMENSIONAL SCALING** Jeon Jaeyun*, Jo Hyun In, Hong Joo-Young	**624- IMAGE-BASED VIBRATION ANALYSIS USING SMARTPHONE VIDEO FOR MAINTENANCE OF POWER PLANT MACHINERY** Bogatikov Peter*, Krause Jacob, Herfert Daniel	**637- COMPARATIVE EVALUATION OF ODEON AND TREBLE SIMULATION PERFORMANCES: THE CASE OF ITU MIAM SOUND GALLERY** Atay Ceyda*	**192- THEORETICAL MODELING OF ACOUSTIC METASURFACE UNIT EMBEDDED WITH A SOURCE** Yifan Zhang*, Tuo Liu	**515- MULTI-LEVEL MULTI-SENSOR INFORMATION FUSION DIAGNOSIS MODEL FOR SHAFT-SHELL COUPLED SYSTEM** Wang Yifan*, Chen Bolin, Li Ziyi, Chen Feng, Chen Yong	**147- LONG-TERM URBAN ACOUSTIC PATTERN PREDICTION FROM SHORT-TERM MEASUREMENTS USING THREE-SLOT TEMPORAL NEURAL MODELLING** Pita Antonio, Navarro Juan M.*	**134- RESEARCH ON MODAL PARAMETER IDENTIFICATION OF FUEL ASSEMBLY BASED ON DMD METHOD** Huang Xuan*, Liu Shuai	**81- AIRBORNE AND STRUCTURE-BORNE CONTRIBUTIONS OF A DOOR-MOUNTED LOUDSPEAKER TO VEHICLE INTERIOR ACOUSTIC RESPONSE** Emanuele Garofalo, Gioele Isacchi, Simone Talucci, Marco Olivieri, Michele Ebri, Francesco Ripamonti*, Roberto Corradi		**331- OPTIMIZED NEGATIVE STIFFNESS DEVICES FOR SEISMIC RETROFIT OF MULTI-STORY STRUCTURES** Kapasakalis Konstantinos, Florakis Georgios, Prevenios Stamatis, Spanea Maria, Sapountzakis Evangelos*	**862- NONLINEAR STATE-SPACE MODELING FOR STRUCTURAL DYNAMICS: A GREY-BOX IDENTIFICATION FRAMEWORK WITH EXPERIMENTAL VALIDATION** Jacopo Alessandro Nierop*, Giancarlo Kosova, Mahmoud Elkafafy, Emilio Di Lorenzo, Stefano Marchesiello, Dario Anastasio, Luca Viale, Frank Naets
	09:30-09:45	**332- EXPERIMENTAL PARAMETRIC ANALYSIS OF PROPELLER NOISE AND PSYCHOACOUSTIC ANNOYANCE OF A QUADCOPTER IN HOVER CONDITION** Capobianchi Giorgia*, Młynarczyk Dorota, Barański Robert, Stoica Luana Georgiana, Di Marco Alessandro	**841- DEVELOPMENT OF A MODULAR DATA ACQUISITION SYSTEM FOR SHORT AND LONG-TERM VIBRATION MONITORING** Amaddeo Carmen*, Carl Larsson, Osama Abdeljaber, Per Finander, Michael Dorn	**929- MULTIFUNCTIONAL COMPACT ACOUSTIC ARRAY AND MACHINE LEARNING ALGORITHM FOR MEASURING THE SURFACE IMPEDANCE IN-SITU** Jeong Cheol-Ho*, Xia Yuanxin	**801- ELASTIC WAVE PROPAGATION AND BAND-GAP TAILORING IN 2D METAMATERIAL UNIT CELLS USING FIREDRAKE** Bickin Neset Fatih*, Abali Bilen Emek, Okyar Ali Fethi, Eskandari Shahin	**198- BONE-CONDUCTED SPEECH EMOTION RECOGNITION VIA A HYBRID CNN-TRANSFORMER WITH MULTI-HEAD SELF-ATTENTION** Shad Md. Ibne Shihab, Khan Sayeeda, Hosain Md. Sarwar, Shimamura Tetsuya*	**223- STATISTICAL NOISE MAPPING USING ENVIRONMENTAL NOISE MONITORING DATA IN KOREA** Kim Kyoungmin, Chang Seoil*	**207- INVESTIGATION OF BROADBAND EXCITATION FORCES OF A PUMP-JET PROPULSOR USING EXPERIMENTAL METHODS AND LARGE EDDY SIMULATION** Wu Ying*, Rao Zhiqiang, Li Yufan, Dong Guangming, Jiao Sujuan	**92- EVALUATION OF AIRCRAFT CABIN NOISE REDUCTION USING AN ACTIVE SIDEWALL PANEL IN A FULL-SCALE LABORATORY ENVIRONMENT** Misol Malte*, Algermissen Stephan, Monner Hans Peter, Wandel Martin		**131- A PENDULUM-BASED DEVICE FOR HARVESTING ENERGY FROM LARGE, LOW-FREQUENCY OSCILLATIONS** Banerjee Gairik, Liu Kefu*	**255- ACTUATOR–STRUCTURE INTERACTION IN FLEXIBLE FRAMES: VIBRATION CHARACTERISTICS AND ENERGY CONSIDERATIONS** Akbalik Furkan Göktuğ*, Malgaca Levent, Can Seda Vatan, Asil Duru, Gören Aytaç
	09:45-10:00	**314- A REGRESSION-BASED FRAMEWORK FOR DETECTABILITY AND ANNOYANCE TRADE-OFFS IN AVAS** Ulusoy Anıl Erkut*, Şen Osman Taha, Özbudak Erkam, Altınsoy Mehmet Ercan	**907- A MOBILE APPLICATION FOR TWO-DIMENSIONAL SOUND PRESSURE LEVEL MAPPING USING GAUSSIAN PROCESS REGRESSION AND AUGMENTED REALITY** Jean-Francois Denniel*	**166- EXPERIMENTAL EVALUATION OF BINAURAL SYNTHESIS BASED ON OPTIMAL SOURCE DISTRIBUTION FOR MULTIPLE LISTENERS** Yairi Motoki*, Hara Kento, Hoshino Tsuguto, Takeuchi Takashi, Nelson Philip A	**740- DESIGN OF NON-UNIFORM ACOUSTIC METAMATERIALS VIA THE CORE–DIFFUSION–EMERGENCE SYSTEM (CDES)** Cao Runzhen*, Peng Zhenjun, Qu Renhao, Zhang Xin	**90- CLASSIFYING BSR NOISE IN AUTOMOTIVE DOOR TRIM USING A DEEP LEARNING APPROACH** Jong Soo Kim, Jae Jun Choi*	**441- EXTENSION OF ANALYTICAL WEAPON-NOISE MODELS TO LONG-RANGE OUTDOOR PROPAGATION ACCOUNTING FOR COHERENCE LOSS** Tosato Filippo*, Marinus G. Benoit, Harri Kristof, Moiny Francis	**408- TONAL NOISE PREDICTION FOR MARINE CENTRIFUGAL COMPRESSORS USING A FILM-MODULATED 1D U-NET MODEL** Zhang Airu, Liu Chen, Liu Yang, Zhan Xu, Du Shaoran*	**3021- ROBUST ACTIVE ROAD NOISE CONTROL USING A FREQUENCY-SPLIT HYBRID VIRTUAL MICROPHONE STRATEGY** Sifa Zheng*, Songming Qi, Zhenlin Zhang		**222- A SELF-TUNING PIEZOELECTRIC VIBRATION ENERGY HARVESTER FOR BROADBAND EXCITATION** Farhan Mohammad, Muthalif Asan G. A.*	**827- ON THE DESIGN AND EVALUATION OF NONLINEAR SPRINGS FOR VIBRATION ABSORPTION ON MECHANICAL SYSTEMS** Silva-Navarro Gerardo, Valdes-Ceron Sebastian Daniel*
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*
	10:30-11:30	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***	***Plenary - Carl Hopkins***
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*

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7.7.26 Tuesday	Parallel-2 11:45-13:00	**T14SS03(2)** Sound quality and product design **Berkay Kullukçu, Reinhard Neubauer**	**T01RS01** Acoustic imaging and acoustic detection **Adrian Brown, Hazel Yucel**	**LIGHTNING TALK** Auralisation of Istanbul's acoustical heritage buildings **Speaker:Jens Holger Rindel** **Moderator: Kivanc Kitapci, Cheol-ho Jeong**	**T06RS03(3)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Giada Kyawoo D'Amore, Gianluca Memoli**	**T04RS01(2)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(2)** Noise modelling, mapping and assessment **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(2)** Ship Machinery vibration and noise **Yipeng Cao**	**T09SS03(1)** Noise and vibration in railway transportation **Francisco David Denia, James Talbot**	**T08RS04** Turbomachinery noise and vibration **Larry Li**	**T11RS02** Bioacoustics **Joseph C. S. Lai, Sebastian Oberst**	**T07RS02(5)** Vibration and control of nonlinear mechanical systems **Erhan Ferhatoğlu, Evangelos J. Sapountzakis**
	11:45-12:00	**205- INFLUENCE OF ELECTRIC SEAT OPERATING NOISE ON TOTAL SOUND QUALITY IN CABIN** Yoshida Junji*, Irie Yudai, Mizoi Kensuke	**362- DUAL-CONSTRAINT INTEGRATION OF SPARSITY AND LOW-RANKNESS FOR TARGET-FREE FULL-FIELD VIBRATION MEASUREMENT FROM NOISY VIDEOS** Zhang Wendi*, Wu Xiangjing, Huang Jinjue, Sun Shitao, Li Hongguang, Meng Guang		**374- A PHONONIC BAND GAP ENCLOSURE FOR A LOUDSPEAKER SYSTEM** Mathur Gopal*	**552- DEEP LEARNING-DRIVEN INVERSE DESIGN OF ACOUSTIC METAMATERIALS FOR DRONE PROPELLER NOISE CONTROL** Wang Ke*, Gan Tian, Wang Xiaole, Luo Xudong, Huang Zhenyu	**651- A CASE STUDY OF NOISE NUISANCE PREDICTION MAPPING USING ISO 9613-2 NOISE MODELLING SOFTWARE** Sarapho Pitupong, Sourachai Punyakorn, Rosmolen Michel*	**213- A STUDY ON THE LINE-SPECTRUM EXCITATION FORCE CHARACTERISTICS OF A PUMP-JET PROPULSOR** Li Yufan*, Rao Zhiqiang, Wu Ying, Dong Guangming, Jiao Sujuan	**247- ESTIMATING BLAST-INDUCED GROUND VIBRATIONS IN RAILWAY TUNNEL EXCAVATION: A CASE HISTORY** Lee Joon Kyu*, Kim Yun Jeong	**378- NUMERICAL INVESTIGATION OF TIP-CLEARANCE PROFILES FOR AERODYNAMIC NOISE MITIGATION IN CENTRIFUGAL COMPRESSORS** Du Shaoran*, Liu Chen, Cao Yipeng, Wang Wending	**574- COMPUTATIONAL AND BIOMECHANICAL MODELS OF CHORDOTONAL ORGANS FOR VIBRO-ACOUSTIC MECHANOSENSING: A SYSTEMATIC REVIEW PROTOCOL** Mathias De Oliveira Thiago, Hemmi Jan, Evans Theo, Afzal Naqash, Oberst Sebastian*	**756- NONLINEAR DYNAMICS CHARACTERISTICS OF A TUNED PARTICLE DAMPER** Ye Tiangui, Hu Yin*, Sun Dan, Liu Haoran, Jin Guoyong
	12:00-12:15	**836- NATURAL SOUNDS IN TRUCK CABINS: A SOUNDSCAPE MODULATION STUDY** Liu Zibo*, Fang Xiang, Oberman Tin, Habibovic Azra, Kang Jian	**161- DYNAMIC TOOL WEAR MONITORING USING A MOBILE ACOUSTIC CAMERA IN MULTI-AXIS MACHINING** Lin Guan-Hong*, Chang Hung-Yue		**795- BROADBAND AND TUNABLE VIBRATION ATTENUATION VIA SINUSOIDALLY MODULATED PIEZOELECTRIC METAMATERIALS** Yang Long*, Luo Yajun, Zhang Yahong, Xie Shilin	**286- A DEEP LEARNING-BASED TIME-LAG ESTIMATOR FOR NON-SYNCHRONOUS INPUT-OUTPUT MEASUREMENTS** Lee Dooho*, Lee Seong-Hyun	**389- LIFE-CYCLE BASED ESTIMATION OF CNOSSOS-EU ROAD SURFACE CORRECTION COEFFICIENTS FOR LOW-NOISE PAVEMENTS: THE LIFE OPTIMUS APPROACH** Ascari Elena*, Cerchiai Mauro, Fredianelli Luca, D'Alessandro Francesco, Moro Antonino, Borchi Francesco, Colucci Gianfrancesco	**345- RESEARCH ON ACOUSTIC RECONSTRUCTION AND NOISE REDUCTION PERFORMANCE BASED ON LOW-FREQUENCY SELF-SENSING IMPEDANCE SURFACES** Zhang Shiqi*, Zhao Xiaochen, Zhang Xinyu	**272- FIELD TEST, ASSESSMENT AND MILIGATION OF INTERIOR NOISE IN AGING CHINA HIGH-SPEED TRAINS** Dong Xiaoqing*, Ren Guangqiang, Tian Pengyi, Diao Xiaoming	**11- RESEARCH ON BLADE BROADBAND EXCITATION INDUCED BY DROPLETS IN NUCLEAR POWER STEAM TURBINES** Zhang Xu*, Duan Xianbo, Ge Fuyu, Zhang Jiajing, Jing Jianping	**584- TOWARDS VIBRATION-BASED TERMITE REPELLENCE IN MANGO ORCHARDS: TRANSECT SURVEY AND FIELD TRIAL** Oberst Sebastian, Sansom Travers, Tofigh Farzad, Lai Joseph C.S.*, Evans Theo A.	**58- STABILITY OF A FAMILY OF HIGH-ORDER TIME INTEGRATION METHOD FOR NONLINEAR SYSTEMS** Wang Yuzhu*, Xing Yufeng
	12:15-12:30	**614- SPEECH COMMUNICATION EFFICACY IN THE HIGH-NOISE ICU ENVIRONMENT** Ziwei Song*, Pyoung Jik Lee, Hampton Thomas, Bin Li	**524- EXPERIMENTAL ASSESSMENT OF DOORS, SEALANT, AND OPENINGS ON THE WEIGHTED SOUND REDUCTION INDEX OF SHIPBUILDING WALL SYSTEMS** Macleane Lean*, Søndergaard Lars Sommer, Fernandez Dani		**913- RELIABILITY AND SENSITIVITY ANALYSIS OF BANDGAP CHARACTERISTICS FOR ONE PHONONIC CRYSTAL DUCT BASED ON BP NEURAL NETWORK** Liu Panxue*, Wang Zaizhou, Chen Lihui, Shen Shuiwen, Liu Zhi, Chao Fu	**398- FROM AMBIENT SEISMIC NOISE TO STRUCTURAL HEALTH MONITORING: A PHYSICS-INFORMED MULTI-STAGE FRAMEWORK IN THE TIME-FREQUENCY-ENERGY DOMAIN** Akal Tuncay*, Gerstof Peter, Neely Koray, Özeren Mehmet Sinan, Payan Cedric, Rakotonarivo Sandrine	**485- CHANGES INTRODUCED IN ISO 9613-2:2024** Shilton Simon*, Probst Wolfgang	**839- SUPPRESSION OF FLOW-EXCITED PLATE VIBRATION AND ITS NOISE RADIATION WITH SHUNTED PIEZOELECTRIC TRANSDUCER** Liu Jiazhen, Guan Runan, Wu Keming*, Li Jinyu, Liu Yongwei, Shang Dejiang	**290- STATISTICAL EVALUATION OF DESIGN PARAMETERS AFFECTING RAILWAY ROLLING NOISE RADIATION** Sánchez-Orgaz Eva María, Andrés Víctor Tomás, Martínez-Casas José, Denia Francisco David*	**701- FAN NOISE GENERATION AND REDUCTION MECHANISMS CAUSED BY THE INTERACTION BETWEEN ROTOR BLADES AND BACK-PRESSURE DISTORTION** Kusuda Shinya*	**585- DESIGN OPTIMISATION OF A MINIATURISED MICROACTUATOR FOR VIBRATION-BASED TERMITE DETERRENCE** Sebastian Oberst*, Sansom Travers, Farzad Tofigh	**186- HARDENING-SOFTENING TRANSITION NEAR SNAP-THROUGH IN MEMS ARCHES VIA HIGH-ORDER PERTURBATION** Lan Fangyan*, Chen Liqun
	12:30-12:45	**764- A PRELIMINARY STUDY ON THE INFLUENCE OF OPEN-BACK PLANAR MAGNETIC HEADPHONE GRILLE GAP DIMENSIONS ON SOUND QUALITY** Lv Xiaoyi*, Bian Fang, Huang Yu	**686- THREE-DIMENSIONAL ACOUSTIC IMAGING AND SOUND POWER ESTIMATION WITH A 240-CHANNEL MEMS MICROPHONE CUBE** Gras Thibaut*, Ollivier François, Leblanc Camille		**786- FLOW-COMPATIBLE ACOUSTIC METAMATERIALS FOR DUCT NOISE CONTROL: A NUMERICAL STUDY OF TRANSMISSION LOSS AND PRESSURE DROP** Odabas Erinc*, Olcay Ali Bahadir, Okyar Ali Fethi, Su Gul Zuhre	**844- DEEP LEARNING FOR BEAMFORMING MAP DECONVOLUTION BASED ON U-NET ARCHITECTURE** Carvalho Mateus*, Bauerheim Michael, Parisot-Dupuis Hélène	**503- REGARDING NOISE MODELLING FOR THE EXTERIOR OF TUNNEL OPENINGS** Rosão Vitor*, Ramos Alice, Fernandes Daniel	**463- VIBRATION AND ACOUSTIC CONTROL OF UNDERWATER VEHICLE STERNS BASED ON LOCALLY RESONANT METAMATERIAL FLOATING RAFTS** Tian Yaqi*, Zhang Cong, Yang Lei, Zhou Xincong	**294- EXTRAPOLATION OF RAILWAY VIBRATION EMISSION LEVELS IN THE HIGH-SPEED RANGE** Solé Bosquet Jaume*, Huguenet Pierre	**687- HYDRODYNAMIC STABILITY MODELING APPLICATIONS IN GAS TURBINE COMBUSTORS** Emerson Benjamin*	**993- FROM WING MOTION TO ECOACOUSTIC PATTERNS IN HONEYBEE FLIGHT** Alberti Simona, Ray Mohapatra Abhishek, Nguyen Phu T, Sili Ivan, Casacci Luca, Barbero Francesca, Oberst Sebastian*	**390- VIRTUAL TEST FOR DYNAMIC CHARACTERISTICS OF BEAMS UNDER THREE-DIMENSIONAL VARIABLE ACCELERATION ENVIRONMENTAL LOADS** Ma Lilei, Zhang Yahong*, Zhang Yan, Du Yongpeng, Luo Yajun, Xie Shilin
	12:45-13:00	No Show **451- A STUDY ON VEHICLE SOUND QUALITY PREDICTION BASED ON THE CNN-LSTM MODEL** Qian Kun, Du Xikang*, Mao Yang, Duan Jiying, Liu Ke, Wang Zanpeng	**813- WIDEBAND ACOUSTIC FIELD MEASUREMENT WITH A FIBER-OPTIC MICROPHONE BASED ON FABRY-PEROT INTERFEROMETER** Skalsky Michal*, Hnidka Jakub, Fialka Jiri, Havranek Zdenek		**745- DEVELOPMENT OF A LOW COST BATHROOM EXTRACTOR FAN UTILIZING FANO RESONANCE METAMATERIAL SILENCERS** Yusuf Güney Kandemir*, Alper Önen, Orhun Okçu, Ibrahim Utkan Karagöz, Onursal Önen	**191- FREQUENCY-STRUCTURED TRANSFORMER ENCODER WITH CONTINUAL LEARNING CAPABILITY FOR FAILURE PREDICTION IN DURABILITY TESTING** Gökay Hasan Ege*, Özden Murat Can, Eren Begüm, Yalçınkaya Turgut Hakan	**3057- MODELLING THE EFFECT OF WHEEL FLAT ON VIBRATION FROM RAILWAY TRACKS** Mustafa Essa, Mohammed Hussein*, Jamil Renno	**336- ENERGY-BASED PREDICTION OF BLADE FLUTTER STABILITY IN A CENTRIFUGAL COMPRESSOR** Sheng Kai*, Liu Chen, Wang Jing, Chen Qi, Wang Han	**556- A BROADBAND ACOUSTIC SIMULATION MODEL OF DISTRIBUTION IN THE CURVED METRO TUNNEL SPACE** Zhu Jiachen*, Li Li, Chen Mingxi	**812- GPU CABARET FOR NASA SDT MODELLING: A BENCHMARKING STUDY** Hussain Ali Abid*, Igor Solntsev, Annabel Markesteijn, Sergey Karabasov	**569- IMPROVED BOUNDARY CONDITIONS FOR LASER DOPPLER VIBROMETRY OF SMALL INSECT STRUCTURES** Sansom Travers*, Nerse Can, Blamires Sean, Ruppert Michael, Halkon Benjamin, Lai Joseph, Oberst Sebastian	**250- RESEARCH ON PREDICTION METHODS FOR ELECTROMAGNETIC VIBRATION IN INDUCTION MOTORS FOR ENGINEERING APPLICATIONS** Chen Biwen*, Ma Zhenlai, Li Guoping, Zhang Bo, Zhang Yi, Chen Changsheng
	13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
	14:00-15:00	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***	***Plenary - Shaopu Yang***
	15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
7.7.26 Tuesday	Parallel-3	**T14RS02(1)** Urban soundscapes **Jian Kang, Aslı Özçevik Bilen, Seda Kulak Dalkılıç**	**T01SS02(1)** Measurement techniques and sensors **Carmen Amaddeo**	**T16SS03** Acoustic design of small rooms, recording studios and rehearsal spaces **Dilara Kelle, Guangzheng Yu**	**T06RS01(3)** Passive sound absorbing and insulating materials **Jorge P. Arenas, Erinc Odabas, Asya Larisa Coutinho Kitapci**	**T04RS01(3)** AI applications for sound and vibration problems **Mete Öğüç, Hamid Reza Karimi**	**T13RS02(3)** Noise modelling, mapping and assessment / Noise barriers **Gaetano Licitra, Costantino Mastino, Esad Ergin**	**T10RS02(3) / T10SS02** Ship Machinery vibration and noise / Underwater propulsion system vibration and noise **Yipeng Cao / Claudio Testa, Tuncay Akal**	**T09SS03(2)** Noise and vibration in railway transportation **Francisco David Denia, James Talbot**	**T08RS03** Aviation noise, Urban air mobility **Nick Zang, Sergey Karabasov**	**T11RS01** Physiological acoustics **Joseph C. S. Lai , Sebastian Oberst**	**T07RS01(1)** Modal analysis **Evangelos J. Sapountzakis**
	15:30-16:45											
	15:30-15:45	**488- CONSTRUCTING ACOUSTIC HERITAGE MAP TO EXPLORE THEIR SPATIAL-TEMPORAL PATTERNS** Liu Fangfang, Bichevina Ekaterina, Wu Xiaotang, Tang Mengdan, Duan Hongling, Huang Buyu, He Yuting, Liu Yi, Zhao Mingyu, Qin Ziling, Kang Jian*	**4- PHOTOGRAMMETRIC MODAL ANALYSIS WITH A UV-PAINTED LATTICE** Wrona Stanisław*, Pawelczyk Marek	**110- ACTIVE ENGINE SOUND SPECTRUM RESHAPING IN VEHICLES** Li Hui*, Zheng Ling, Wu Jun, Pang Jian	**18- A REDUCED-ORDER MODEL FOR FULLY COUPLED ELECTRO-MECHANICAL–ACOUSTIC SYSTEMS WITH PIEZOELECTRIC SHUNT DAMPING** Larbi Walid*, Deü Jean-François	**646- AN INTEGRATED FRAMEWORK FOR ROTOR RUB-IMPACT LOCALIZATION: COMBINING VMD-FFT FEATURE ENHANCEMENT AND LIGHTGBM DECISION** Ning Zekun*, Xu Zili, Wang Peng	**653- ASSESSING THE INFLUENCE OF DIVERSE SINGLE VEHICLE NOISE EMISSION MODELS ON THE PERFORMANCES OF A STOCHASTIC TRAFFIC NOISE PREDICTION TOOL** Mascolo Aurora, Rossi Domenico, Guarnaccia Claudio*	**592- PERFORMANCE EVALUATION AND OPTIMIZATION OF THE VIBRATION ISOLATION MODULE IN TOWED LINE-ARRAY SYSTEMS** Chen Jingge, Ren Shuwei*, Zeng Xiangyang	**927- PLATFORM NOISE EXPOSURE AND ITS IMPACT ON PASSENGER ANNOYANCE IN METRO STATIONS** Kesten Ali Sercan*, Elif Nisa Yıldırım, Murat Aytar	**728- EFFICIENT LOW-NOISE DESIGN OF SOUND BARRIER FOR GROUND AND ROOFTOP VERTIPORT CONSTRUCTION** Chen Qidong*, Li Jinyu, Wu Han, Zhong Siyang	**41- AERODYNAMIC ASYMMETRY IN INSPIRATORY VS. EXPIRATORY PHONATION** Lucero Jorge Carlos*	**6- FE ANALYSIS OF UHPC REPLACEMENT OPTIONS FOR MAIN TOWERS IN LONG-SPAN SUSPENSION BRIDGES** Fang Dali, Dai Junwu*, Sun Dezhang, Yang Yongqiang, Bai Wen, Shao Zhipeng, Li Yong
	15:45-16:00	**961- HOW URBAN SOUNDSCAPES SHAPE TASTE PERCEPTION IN PUBLIC EATING SPACES: FINDINGS FROM THE "TASTE THE SOUND!" WORKSHOP** Kulak Dalkilic Seda*	**7- MECHANISM STUDY OF PHASE-TRANSFORMED SINGLE CRYSTAL-DRIVEN TRANSDUCERS** Yin Xuan*, Wang Chunying, Lu Wei	**269- ACCURACY OF 3D-PRINTED SCALE MODELS IN ACOUSTIC MEASUREMENTS** Turhan Hatice Simla*, Dance Stephen, Aygun Haydar, Rossi Federico	**952- NUMERICAL STUDY ON ACOUSTIC PERFORMANCE OF PERFARATED PLATES WITH ELLIPTIC HOLES** Bocanegra Cifuentes Johan Augusto*, Borelli Davide, Pico Ruben, Schenone Corrado	**704- AN ADAPTIVE NOTCH DECOUPLING METHOD FOR ROTOR SYSTEM RUBBING LOCALIZATION UNDER COMPLEX CONDITIONS** Wang Peng*, Xu Zili, Ning Zekun	**909- EVOLUTION OF ENVIRONMENTAL NOISE IMPACT AT ATHENS INTERNATIONAL AIRPORT (2013–2024): A DECADE OF STRATEGIC NOISE MAPPING AND POPULATION EXPOSURE TRENDS** Valamvanos Panagiotis*, Vogiatzis Konstantinos	**779- A COARSE-MESH CHEBYSHEV SPECTRAL ELEMENT METHOD FOR VIBROACOUSTIC ANALYSIS OF FLUID-LOADED IRREGULAR PLATES** Zhao Tiantong*, Ye Tiangui, Jin Guoyong, Liu Zhigang, Ma Xianglong	**677- THE ROLE OF RAILWAY TRACK IN CURVE SQUEAL NOISE GENERATION** Faccini Leonardo*, Castellini Federico, Di Gialleonardo Egidio, Corradi Roberto	**498- "FROM A CITY AIRPORT TO AN AIRPORT CITY": ASSESSING THE AERONAUTICAL NOISE IMPACT IN HONG KONG UPON THE RECENT EXPANSION OF ITS INTERNATIONAL AIRPORT** Wu Chunhui, Siddiqui Hafsa*, Redonnet Stephane	**310- CRITICAL OSCILLATORS AND COCHLEAR MICROMECHANICS** Sisto Renata*, Moleti Arturo	**52- CRITICAL MODE IDENTIFICATION FOR TRANSVERSE FLUIDELASTIC INSTABILITY IN TRIANGULAR TUBE BUNDLES** Panunzio Domenico*, Piteau Philippe, Lagrange Romain, Antunes José
	16:00-16:15	**490- SCALING SOUNDSCAPE ANALYSIS VIA DIGITAL DATA NETWORKS TO A GLOBAL LEVEL: A NLP STUDY ON PERCEPTIONS OF URBAN PARKS IN EUROPEAN MEGACITIES** Küçük Alara Ipek*, Özçevik Bilen Aslı	**338- A LOW-FREQUENCY UNDERWATER ELECTRODYNAMIC TRANSDUCER WITH OPTIMIZED MAGNETIC CIRCUIT PARAMETERS** Sun Shitao*, Tong Ningke, Xia Zhihang, Zhang Xi, Zhang Wendi, Li Hongguang, Meng Guang	**744- A GEOMETRIC FRAMEWORK FOR CONTROLLED WALL SPLAYING IN ITU-COMPLIANT LISTENING ROOM DESIGN** Zerafet Atakan*, Vergili Suat, Öziş Feridun	**765- THEORETICAL ANALYSIS AND EXPERIMENT ON SOUND ABSORPTION COEFFICIENT IN VOIDS OF NEGATIVE SIMPLE CUBIC LATTICE** Shuichi Sakamoto*, Takamasa Satoh, Koki Maruyama, Yusei Himori, Ririko Kimura	**725- AEROACOUSTIC OPTIMIZATION OF THE ROTOR BLADES BASED ON THE KOLMOGOROV-ARNOLD NEURAL (KAN) NETWORKS-BASED SURROGATE MODEL** Lu Yanhong*, Wang Zimo, Wu Han, Cantos Sinforiano, Zhong Siyang	**522- AN OPTIMIZED STATISTICAL PASS-BY PROTOCOL BASED ON AUTOMATED VEHICLE RECOGNITION FOR ROAD TRAFFIC NOISE ASSESSMENT** D'Alessandro Francesco*, Moro Antonino, Profumo Domenico, Borchi Francesco, Colucci Gianfrancesco, Luzzi Sergio, Ascari Elena, Cerchiai Mauro, Fredianelli Luca	**3028- NUMERICAL INVESTIGATION ON THE EFFECT OF SHIP WAKE FIELD ON HYDRODYNAMIC NOISE OF MAU5-TYPE TWIN PROPELLERS** Jiao Xiaoyan*, Liu Yongwei*, Wu Keming, Shang Dejiang, Yu Yongfeng	**908- COMPARATIVE ANALYSIS OF SINGLE AND TWIN TUNNEL MODELS FOR SURFACE VIBRATION GENERATED FROM UNDERGROUND RAILWAYS** Elsanosi Mohammed S., Hussein Mohammed F.M.*	**934- FLEET-LEVEL AIRCRAFT NOISE IMPACT ASSESSMENT UNDER REALISTIC WEATHER CONDITIONS USING A NOVEL, BLENDED PREDICTION APPROACH** Wu Chunhui*, Redonnet Stephane	**755- SIP, SPEAK, AND SOUND: EFFECTS OF BEVERAGE TEMPERATURE ON ACOUSTIC VOICE QUALITY&MDASH;PHYSIOLOGICAL OR PSYCHOLOGICAL?** Niebuhr Oliver*, Hejná Michaela	**56- FREE VIBRATION ANALYSIS OF RECTANGULAR STIFFENED THIN LAMINATES BASED ON THE RAYLEIGH-RITZ METHOD** Li Yuting*, Xing Yufeng
	16:15-16:30	**551- ASSESSMENT AND PREDICTION OF ANNOYANCE RESPONSE TO ROAD TRAFFIC NOISE IN URBAN AREAS** Kim Geon-Hee*, Kim Su-Bi, Hong Joo-Young	**344- MECHANIZED AIR-ATOMIZED SPRAY COATING FOR BATCH-CONSISTENT FLEXIBLE NANOCOMPOSITE PIEZORESISTIVE SENSORS IN ULTRASONIC GUIDED-WAVE MEASUREMENTS** Jiang Diwu*, Li Pengfei, Xu Chao	**277- NUMERICAL INVESTIGATION OF SIZE EFFECTS OF SPHERICAL SOURCES ON ROOM TRANSFER FUNCTIONS IN SMALL ROOMS** Wang Ziyu, Yu Guangzheng*	**446- UNCERTAINTY QUANTIFICATION OF ACOUSTIC PROPERTIES AND PERFORMANCE FOR POROUS SOUND-ABSORBING MATERIALS BASED ON GAUSSIAN PROCESS REGRESSION** Yamamoto Takashi*	**774- PANEL FLUTTER ANALYSIS BASED ON PHYSICS-INFORMED NEURAL NETWORKS** Chen Zhaolin*, Lai Siu-Kai, Huang Rui	**259- DEVELOPMENT OF ANC INTEGRATED ACTIVE GRID WALL SYSTEMS** Kwon Youngmin*, Jung Seongmo, Kim Hyounsuk, Chun Kyungsu	**3027- RESEARCH ON ADAPTIVE ACTIVE CONTROL METHOD FOR VARIABLE-FREQUENCY MULTI-LINE SPECTRUM NOISE OF UNDERWATER PROPELLER** Yuan Jiawei*, Shang Dejiang, Xiao Yan, Wu Chuang*, Liu Jianchi, Huang Weijun	**669- CURVE SQUEAL TIME-DOMAIN ANALYSIS INCLUDING VARIABILITY IN WHEEL-RAIL CONTACT CONDITIONS** Castellini Federico*, Squicciarini Giacomo, Thompson David, Faccini Leonardo, Di Gialleonardo Egidio, Corradi Roberto	**831- PREDICTION OF PROPELLER NOISE OVER BROADBAND FREQUENCIES USING TRANSFORMER-BASED NEURAL NETWORK** N Zang*, L Hanson, X Liu	**43- SIMULATION OF VIRTUAL MOVING VIBRATION SOURCES FOR SUBSTRATE-BORNE SENSING APPLICATIONS** Turhan Mehmet Ali*, Ruppert Michael G., Lai Joseph C.S., Oberst Sebastian	**176- VERTICAL VIBRATION RESPONSE AND MODAL CHARACTERISTICS OF STEEL FRAME STRUCTURES UNDER ROAD TRAFFIC LOADS** Zhao Jiahong*, Sun Feifei
	16:30-16:45	**516- CONSISTENCY BETWEEN CHANGES IN THE SOUND ENVIRONMENT AND SOUNDSCAPE: A UNIVERSITY CAMPUS CASE STUDY** Fang Xiang, Mascolo Aurora, Rossi Domenico, Aletta Francesco, Kang Jian, Guarnaccia Claudio*	**483- LEVERAGING MOTION AMPLIFICATION FOR ROOT CAUSE INVESTIGATION IN INDUSTRIAL VIBRATION ANALYSIS** Erol Kamil Atakan*, Ihtiyaroğlu Yusuf, Orhan Ihsan Serdaha, Yürek Onur	**353- EXPERIMENTAL ASSESSMENT OF ACOUSTIC PANEL DISTRIBUTION STRATEGIES IN SMALL ROOMS WITH DIRECTIONAL AND OMNIDIRECTIONAL SOURCES** Chojnacki Bartlomiej*	**103- REDUCING IMPACT SHOCK BY REUSABLE AERIAL DELIVERY PRODUCTS** Allaei Daryoush*, Emdadi Arezoo		**333- EXPERIMENTAL INVESTIGATION OF THE ACOUSTIC PROPERTIES OF NATURAL MATERIALS FOR SUSTAINABLE ACOUSTIC BARRIER SYSTEMS** Mastino Costantino Carlo*, Possidente Raffaello, Frattolillo Andrea, Ricciu Roberto, Baccoli Roberto, Sygulska Anna, Concu Giovanna, Solinas Elisa, Marini Martino	**157- PANEL METHOD STUDY OF ACTIVE FLOW CONTROL FOR UNSTEADY FORCES IN A DUCTED PROPELLER** Tang Wanghao*, Gu Xiangnan, Xu Junjie, Huang Xiuchang	**3018- RAILWAY LINE CAPACITY AS CONSTRAINED BY ENVIRONMENTAL NOISE LIMITS** Wrotny Marcin*	**3038- AN EXPERIMENTAL INVESTIGATION OF PROPELLER-WING INTERACTION IN TAKE-OFF CONFIGURATION** Masoudi Esmaeel*, C. Bricker Clémence, Zagaglia Daniele, Jadidi Mohammad, Azarpeyvand Mahdi		**237- VIBRATION MITIGATION OF CABLEWAY ROPE IN SPLICING REGION THROUGH MOTION AMPLIFICATION TECHNIQUE** Soheil Hekmat, Somaye Mohammadi*, Mehrdad Mollazadeh Ghomi
	16:45-17:00	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
7.7.26 Tuesday	Parallel-4 17:00-18:30	**T14SS04** Data Sonification, auditory display and interdisciplinary acoustics applications **Giovanna Tranfo, Volkan Acun**	**T01SS02(2)** Measurement techniques and sensors **Carmen Amaddeo**	**T16RS01** Room acoustics **Antonio Pedrero González, Füsun Demirel, Rok Prislan**	**T06RS02** Vibration damping and acoustic materials **Edoardo Alessio Piana**	**T04RS01(4)** AI applications for sound and vibration problems **Mete Öğüç**	**T03RS02** Active control of vibration **Hamid Reza Karimi**	**T10SS01(1)** Ship underwater radiated noise **Johan Augusto Bocanegra Cifuentes, Venugopalan Pallayil**	**T09SS05** Future mobility acoustics **Jeongho Jeong, Antonio Torija Martinez**	**T08RS01** Aeroacoustics **Dong Yang**	**T12SS02** Whole-Body Vibrations in Off-Road Machinery: Regulations and Future Perspectives **Christian Preti**	**T07RS01(2)** Modal analysis **Evangelos J. Sapountzakis**
	17:00-17:15	★FEATURED LECTURE **481- THE SOUND OF MOLECULES AND THE SONIFICATION OF CHEMICAL DATA** Tranfo Giovanna*	**734- VIBRO-ACOUSTICS CHARACTERIZATION SUPPORTED BY OPERATIONAL MODAL ANALYSIS AND DIGITAL IMAGE CORRELATION: APPLICATION TO REPRESENTATIVE AEROSPACE STRUCTURES** Russo Nicola*, Esposito Lorenzo, Monaco Ernesto, Esposito Gaetano, De Maio Biagio, Di Cristofaro Salvatore	**992- DETERMINATION OF SOUND POWER LEVELS OF TONAL SOUND SOURCES FROM A LATE DECAYING REVERBERANT SOUND FIELD – SOME PRELIMINARY RESULTS** Prislan Rok*, Svenšek Daniel	**339- A NOVEL CALCULATION MODEL OF PIEZOELECTRIC MATERIALS' ELECTROMECHANICAL CONVERSION EFFICIENCY BASED ON QUALITY FACTOR AND DIELECTRIC LOSS** Cheng Zhibin*, Zhou Ruiping, Yang Xue	**924- MACHINE LEARNING-BASED ACOUSTIC ANALYSIS FOR FOREST SOUND CLASSIFICATION AND BIODIVERSITY MONITORING USING MFCCS AND ACOUSTIC INDICES IN WANAGAMA FOREST INDONESIA** Saleh Magaji Aliyu*, Utami Sentagi Sesotya, Suroso Dwi Joko	**35- MODEL-AGNOSTIC META-LEARNING INITIALIZATION FOR DISTRIBUTED MULTICHANNEL ACTIVE NOISE CONTROL** Shen Xiaoyi*, Ji Junwei, Shi Dongyuan, Gan Woon-Seng, Yang Jun	**152- UNDERWATER RADIATED NOISE GENERATION AND AUGMENTATION VIA PRE-TRAINED AUDIO DIFFUSION PRIORS WITH JOINT GUIDANCE** Zeng Mingmin*, Zeng Xiangyang, Cao Peilin, Lei Menghui, Zhou Tiantian	**284- A STUDY ON THE SIMULATION OF A TWEETER SPEAKER WITH FERROFLUID** Nam Hoseok*, Park Jongsuh, Hwang Yonghwan	**949- ANALYSIS OF THE TONAL NOISE GENERATION MECHANISM IN UNDEREXPANDED IMPINGING JETS** Bay Tristan*, Gojon Romain, Gressier Jérémie, Fiore Maxime	**527- STANDARDIZED SEAT ASSESSMENT AND DECLARED WBV EXPOSURE IN OFF-ROAD MACHINERY: REGULATORY CONTEXT AND LIMITATIONS** Preti Christian*	**375- HARMONIC REMOVAL AND OPERATIONAL MODAL ANALYSIS BASED ON HAMPEL FILTER AND STOCHASTIC SUBSPACE IDENTIFICATION** Chen Yu*, Tong Xiandong, Chen Yong
	17:15-17:30	**481 - cont.** Pinto Fabrizio*	**840- THE CONDENSER MICROPHONE, DISPERSION FORCES, AND QUANTUM THERMODYNAMICS. FUNDAMENTAL ISSUES AND INDUSTRIAL IMPLICATIONS** Serafettinoglu Hakan*	**751- TEMPERATURE AS AN ACTIVE PARAMETER IN MODAL AND TRANSFER PATH ANALYSIS OF COUPLED ACOUSTIC VOLUMES** Xia Xinyun*, Yu Rihuan, Chen Peng, Fang Yang, Zhang Zhenguo	**413- CENTER-FREQUENCY-CONDITIONED WIDEBAND SHUNT TUNING OF A FINITE-LENGTH PIEZOELECTRIC METAMATERIAL BEAM** Dong Jingjie, Pi Rendong, Li Hangxing, Cheng Li, Yu Xiang*	**903- MACHINE LEARNING-ENABLED FAST DETERMINATION OF VIBROACOUSTIC RESPONSE USING SUB-STRUCTURING AND PATCH-BASED APPROACH** Han Jinchang*, Lu Tong, Liu Jia, Lai Jianyong, Xu Liang	**44- RESEARCH ON AN ACTIVE CONTROL METHOD FOR EQUIPMENT SUPPORT BASED ON A REDUCED-ORDER MODEL** Cao Peilin*, Zeng Xiangyang, Zeng Mingmin, Lei Menghui, Huang Qing, Zhou Tiantian, Ma Huiying	**153- AN UNFOLDED-ADMM SOLVER FOR EFFICIENT BROADBAND CONSTANT-BEAMWIDTH BEAMFORMING IN UNDERWATER RADIATED-NOISE MEASUREMENTS** Kim Seonghyeon*, Yang Jaesik, Jeong Eunju, Kim Chung-Un, Im Chang-Hwan, Altinsoy Ercan	**319- EEG FEASIBILITY FOR IN-VEHICLE ACOUSTIC COMFORT ASSESSMENT: A REAL DRIVING STUDY** Cheng Guanda*, Zhu Jianyue, Zhu Taihang, Pang Jiabin	**504- THE CONTROL OF AERODYNAMIC NOISE GENERATED AROUND A HIGH-SPEED TRAIN LEADING BOGIE REGION USING BYPASS DUCTS** Mauro Marcella*, Rui Francesca, Larese Filon Francesca	**814- WHOLE BODY VIBRATION IN OFF ROAD MACHINERY: EXPOSURE DIFFERENCES VS ON ROAD VEHICLES, BIOMECHANICAL EFFECTS AND THE NEED FOR CLINICALLY MEANINGFUL RISK METRICS** Abdul Rani Muhamad Norhisham, Mohd Kahar Muhammad Syafiq Aiman*, Rousou Konstantinos, Yunus Mohd Azmi, Kyprianou Andreas, Febrina Rina	**383- EFFICIENT MODELLING METHODOLOGY FOR ACCURATE PREDICTION OF THE MODAL CHARACTERISTICS OF A HI-LOK FASTENED STRUCTURE**
	17:30-17:45	**402- WHAT\'S ALL THIS NOISE ABOUT SONIFICATION?: WHAT IT IS AND HOW TO GET STARTED** Walker Bruce N.*	**868- A NOVEL SENSITIVITY-ENHANCEMENT DIFFERENTIAL PIEZOELECTRIC MEMS VIBRATION SENSOR FOR HIGH-TEMPERATURE INFRASTRUCTURE MONITORING** Li Anna*, Zhang Jiachang, Zhang Cheng, Su Yongquan, Chen Dalong, Huang Hao, Tian Feng, Liu Yien, Wang Yang, Wu Zhenyu	**969- PERCEPTUAL VALIDATION OF THE CALIBRATED GA ACOUSTIC MODEL OF THE GREEK-ROMAN THEATRE OF TYNDARIS** Lavagna Lorenzo, Astolfi Arianna*, Shtrepi Louena	**433- VIBRATION ATTENUATION AND ENERGY DISSIPATION IN ADDITIVELY MANUFACTURED TPU STRUCTURES** Piana Edoardo*, Jorge Joaquin Garcia, Diego Tonetti, Luca Giorleo	**699- HYBRID PHYSICS-INFORMED DEEP LEARNING FOR SOUND INSULATION PREDICTION OF HIGH-SPEED TRAIN COMPOSITE PANELS** Zan Ming*, Zhao Xinli, Zhao Zhongqiang, Zhang Wenmin, Han Tieli, Jia Shangshuai, Huo Xinlong	**146- BROADBAND PREDICTIVE VIBRATION CONTROL OF MARINE PROPULSION SHAFTING UNDER VARIABLE-SPEED OPERATION WITH ONLINE ADAPTIVE IDENTIFICATION** Yurao Gong*, Guangming Dong, Zhiqiang Rao	**162- THE HYDRODYNAMIC NOISE SUPPRESSION FROM UNDERWATER AIRFOIL BY THE CONTROLLABLE ELECTROMAGNETIC FORCES** Yongwei Liu*, Shuai Wang, Zhiqian Zhang, Dejiang Shang, Yongfeng Yu	**436- ACOUSTIC REQUIREMENTS AND STANDARDIZATION PROPOSALS FOR FUTURE MOBILITY** Jeongho Jeong*, Hyojin Lee	**733- STUDY ON THREE-DIMENSIONAL STEERING AIR CAVITY WITH GROUND EFFECT** Wang Tiantian, Shi Fangcheng, Liu Xiaoyang*	**656- AN IMMERSIVE LABORATORY SIMULATOR FOR MULTIFACTORIAL ASSESSMENT OF OCCUPATIONAL WHOLE-BODY VIBRATION EXPOSURE RISK** Marrone Flavia*, Sergenti Carol, Mangano Giuseppe, Giberti Hermes, Tarabini Marco	**879- OPTIMIZATION OF ACCELEROMETER LAYOUT FOR TIME-VARYING LAUNCH VEHICLES VIA REINFORCEMENT LEARNING WITH COMPOSITE D-OPTIMALITY REWARD** Liu Huanzhi*, Xu Chao, Wang Jianyue
	17:45-18:00	**693- RECONSIDERING ACOUSTIC DESIGN IN ARCHITECTURAL AND URBAN SPACES WITHIN THE FRAMEWORK OF SOCIAL SUSTAINABILITY** Akin Güler Gülşen*, Doğan Gülşah	**870- A LOW-DRIFT MINIATURIZED IEPE MEMS PIEZOELECTRIC VIBRATION SENSOR FOR HIGH-TEMPERATURE DISTRIBUTED VIBRATION MONITORING** Zhang Jiachang*, Zhang Cheng, Li Anna, Su Yongquan, Chen Dalong, Liu Yichen, Huang Hao, Wang Yang, Wu Zhenyu	**379- INFLUENCE OF INCREASED EQUIVALENT SOUND ABSORPTION AREA OF THE EMPTY REVERBERATION ROOM TO TEST RESULTS** Poljanšek Tadej*, Puljizević Maro	**581- MULTIMODAL VIBRATION SUPPRESSION OF A CYLINDRICAL SHELL USING NONLINEAR PIEZOELECTRIC ABSORBERS** Zhang Zhenguo, Xia Xinyun*, Jiang Yuyang, Wang Xuecheng	**898- A PROPOSED DATA DRIVE API FOR COMMAND ROBUSTNESS IN INDUSTRY NOISE** Pearsell Sara, Valls-Ratés Ïo, Niebuhr Oliver*	**563- ACTIVE CONTROL OF TRANSVERSE VIBRATION IN SHIP PROPULSION SHAFTING USING A MULTI-CHANNEL STRATEGY WITH GLOBAL OBJECTIVE OPTIMIZATION** Wang Gui*, Zhang Cong, Tian Yaqi	**318- A STUDY ON THE INFLUENCE OF THE COUPLING EFFECTS BETWEEN THE INTER-HULL ACOUSTIC FIELD AND STIFFENER VIBRATION ON THE SOUND RADIATION OF A DOUBLE-LAYER RING-STIFFENED CYLINDRICAL SHELL** Wang Jinao*, Wang Bin, Zhao Kaiqi, Zhang Shujuan	**606- DESIGNING ADAPTIVE IN-CABIN SOUND FIELDS FOR PURPOSE-BUILT VEHICLES VIA A MULTICHANNEL AUDIO SYSTEM** Kim Sungjoon*, Sato Rai, Kim Juin, Kim Sungyoung	**642- MECHANISM OF BROADBAND SEPARATION NOISE REDUCTION BY THE WAVY LEADING EDGE AIRFOIL AT A MODERATE REYNOLDS NUMBER** Ma Boyu*, Wang Yanan, Qiao Baijie, Chen Xuefeng	**295- AN ACTIVE ROLL VIBRATION CONTROL SYSTEM FOR THE REDUCTION OF WHOLE BODY VIBRATIONS** Antonelli Michele Gabrio, Brunetti Jacopo*, D'Ambrogio Walter, Fregolent Annalisa, Marafini Francesco, Nataletti Pietro, Preti Christian, Stampone Nicola, Tirabasso Angelo	**986- GEOMETRIC NONLINEARITY EFFECTS ON BACKBONE CURVES AND POST-FLUTTER BEHAVIOR OF A HIGH-ASPECT-RATIO WING** Wu Chengyuan*, Bao Yahui, He Shun
	18:00-18:15	**506- OTOACOUSTIC EMISSIONS BEYOND NOISE: ASSESSING RISK OF SOLVENT EXPOSURE** Gherardi Monica, Pigini Daniela, Gordiani Andrea, Botti Teresa, Sanjust Filippo, Cerini Luigi, Tranfo Giovanna, Sisto Renata*	**946- ONE-SIDED COSINE-DIRECTIONAL INTENSITY METHOD FOR IN-SITU SOUND ABSORPTION MEASUREMENT WITH A LINEAR MICROPHONE ARRAY IN THE TIME DOMAIN** Shinichiro Koyanagi*	**473- CONTEMPORARY ACOUSTIC DESIGN IN THE RECONSTRUCTION OF AN URBAN MEMORY HERITAGE: THE CASE OF MUAMMER KARACA THEATRE** Turk Gurkan Ezgi*, Gurkan Ergin, Akgul Alper, Belek H. Temel	**597- LOW-FREQUENCY VIBRATION SUPPRESSION OF PROPULSION SECTION BASED ON AXIAL STIFFNESS DISTORTION METASTRUCTURE** Jia Jiaze, Yang Deqing*, Zhang Liming	**262- COMPARATIVE STUDY OF DEEP LEARNING MODELS FOR PREDICTING THERMAL DISPLACEMENT OF ELECTRIC SPINDLE: THE TRADE-OFF BETWEEN ARCHITECTURAL COMPLEXITY AND PREDICTION ACCURACY** Liu Yang*, Geng Zunmin	**635- MID-FREQUENCY ACTIVE VIBRATION CONTROL OF A LAB-SCALE VEHICLE CABIN USING AN INERTIAL PIEZOELECTRIC ACTUATOR WITH PANEL-ACCELEROMETER ERROR SENSING** Kim Euiyoul, Jo Woojae*, Lee Changik, Jeongjae Ryu, Kim Howuk	**337- NUMERICAL INVESTIGATION OF THE ACOUSTIC SCATTERING CHARACTERISTICS OF AN UNDERWATER MOVING TARGET AND ITS SURROUNDING FLOW** Zhao Jingkai*, Shi Shengguo, Jing Chenxuan, Jiang Yuhang	**772- DEVELOPMENT OF ACOUSTIC PERFORMANCE STANDARDIZATION IN CABIN FOR FUTURE MOBILITY** Lee Hyojin*, Jeong Jeongho	**3042- AN EXPERIMENTAL STUDY ON DYNAMIC STALL NOISE** Masoudi Esmaeel*, Hadjipantelis Michail, Zang Bin, Azarpeyvand Mahdi	**670- DESIGN AND CHARACTERIZATION OF A SEMI-ACTIVE VIBRATION CONTROL SYSTEM IN MULTICHAMBER CONFIGURATION WITH CONTINUOUS STIFFNESS SKY-HOOK CONTROL LOGIC** Antonelli Michele Gabrio, Brunetti Jacopo, D'Ambrogio Walter, Fregolent Annalisa, Marafini Francesco, Nataletti Pietro, Preti Christian, Stampone Nicola*, Tirabasso Angelo	**322- DYNAMIC CHARACTERISATION OF ABACA FIBRE-REINFORCED EPOXY STRUCTURE USING FINITE ELEMENT MODEL UPDATING METHOD** Aziz Shah Mohamad Azam Shah, Yong Wen Wong, Yunus Mohd Azmi*, Abdul Aziz Aziizur Rahman, Abdul Majid Mimi Liza, Choe Yung Teoh
	18:15-18:30	**776- INTERACTIVE AUDIO EDITING SYSTEM FOR ALIGNING SOUND WITH USER INTENT VIA ONOMATOPOEIA** Tsuji Yuta*, Yamauchi Yuta, Wakatsuki Naoto, Zempo Keiichi		**821- ACOUSTIC PERFORMANCE AND MUSICAL COMPATIBILITY OF ROCK-CUT CHURCHES IN CAPPADOCIA** Aslan Ahmet*, Saher Konca, Semiz Nisa	**936- MODELING THE EFFECT OF RAILPAD STIFFNESS ON RAILWAY GROUND-BORNE VIBRATION LEVELS** Kesten Ali Sercan*, Ayva Burak		**785- PHASE-COMPENSATION BASED ALGORITHM FOR MULTI-DEGREE-OF-FREEDOM COUPLED VIBRATION CONTROL** Wu Yongsheng*, Wang Guangyuan, Chen Yu, Wang Dong, Zhang Xiangrui, Yu Kuai	**196- PASSIVE SOURCE DEPTH ESTIMATION IN UNCERTAIN SOUND SPEED PROFILE ENVIRONMENTS USING A DEEP-WATER VERTICAL LINE ARRAY** Zhang Jianing*, Gong Shiyu, Ding Chunlei, Fang Erzheng	**3036- TIRE DEVELOPMENT FOR ROAD INDUCED NOISE USING VIRTUAL TECHNOLOGY** Yongdae Kim*, Min Kyoo Kang		**692- TESTING OF CONTROL SYSTEMS FOR THE PROTOTYPE SEAT WITH ACTIVE VIBRATION CONTROL** Del Duca Lindoro, Moschetto Antonio*, Marafini Francesco, Nataletti Pietro, Fregolent Annalisa, Brunetti Jacopo, Monti Stefano, Tirabasso Angelo, Di Giovanni Raoul, Annesi Diego, Burrieşci Giancarlo	
	18:30-18:45			**15- ROOM ACOUSTIC EVALUATION AND ENVIRONMENTAL COMFORT IN MONUMENTAL SPACES: THE CASE OF SAN LORENZO CHURCH** Guclu Aylin, Sygulska Anna, Mastino Costantino Carlo*, Frattolillo Andrea, Vacca Giuseppina, Vecchi Enrica, Dessi Andrea			**155- REAL-TIME NARROWBAND TWO-WEIGHT NOTCH FXLMS FOR ACTIVE VIBRATION CONTROL OF A VOICE-COIL–ACTUATED SDOF PLATFORM** Shah Syed Shazaib*, Zhang Qicheng, Zhang Dayi, Hong Wang	**300- MINIMUM-PHASE MODEL OF HYDROPHONE AND ITS APPLICATION FEATURES** Isaev Alexander*, Polikarpov Alexander				

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
8.7.26 Wednesday	Parallel-1 08:30-10:00	**T14SS01** Sound as intangible heritage **Derya Çakır Aydın, Hanife Ayca Dogan Iseri**		**T16SS02** Classroom acoustics: Speech intelligibility, activity noise, and learning environments **Konca Saher, Young-Ji Choi, Hakika Sezgin**	**T15SS01 / T15RS02** Transmission of airborne and structure borne sound in buildings / Building vibrations **Carl Hopkins, Cem Baccıoğlu / Mehmet Okay**	**T04SS01(1)** AI-driven fault diagnosis and condition monitoring & PHM **Tuncay Akal, Volkan Acun**	**T03SS01** Algorithms for active control **Marek Pawełczyk, Maria de Diego Antón**	**T10SS01(2)** Ship underwater radiated noise **Johan Augusto Bocanegra Cifuentes**	**T09RS01(1)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS03** Computational aeroacoustics **Sergey Kakrabasov**	**T12SS01(1)** Occupational noise and health **Yücel Demiral, Antonio Baldassare**	**T07RS03(1)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**
	08:30-08:45											
	08:45-09:00			**985- TOWARDS ACOUSTIC PERFORMANCE STANDARD IN KOREAN CLASSROOMS CONSIDERING OCCUPIED CONDITIONS** Choi Young-Ji*	**66- MUSEUM DISPLAY CASES: EXPERIMENTAL VALIDATION OF NUMERICAL MODELS FOR VIBRATION TRANSMISSION FROM THE FLOOR TO THE SHELVES** Gao Bangzheng*, Hopkins Carl, Seiffert Gary	**995- SMART-TOILET-INTEGRATED NON-INVASIVE UROFLOW ESTIMATION USING AN ACOUSTIC- VIBRATION SENSING MODULE** Ho Chia Hsien*, Tsai Yu-Ting, Tsai Ching-Piao	**343- DESIGN AND EXPERIMENTAL VALIDATION OF A TWO-AXIS HORIZONTAL LEVER-TYPE DYNAMIC ANTI-RESONANCE VIBRATION ISOLATOR** Lim Sung-Jun, Park Kyoung-Su*	**583- WKB INTERPRETATION OF ANOMALOUS DISPERSION OF TRAPPED MODES IN A DEEP-WATER LOW-VELOCITY SEDIMENT LAYER** Shi Zhanfei*, Zhang Haigang	**17- SUPPRESSION OF HUNTING MOTION IN TRAINS VIA SUB-OPTIMAL FREQUENCY-WEIGHTED PREVIEW MPC WITH INFINITE HORIZON** Liao Yulin, Xia Xiangjun, Song Youwei, Ning Donghong, Du Haiping*, Hong Haifeng	**983- TRIPPING EFFECTS COMPARED WITH NATURAL TRANSITION ON TONAL FEEDBACK AND BROADBAND NOISE IN LOW-REYNOLDS-NUMBER AIRFOILS** Altintas Atilla*, Paruchuri Chaitanya, Joseph Phillip		
	09:00-09:15	**301- CONCEPTUAL AND METHODOLOGICAL APPROACHES TO HERITAGE SOUNDSCAPE PRESERVATION IN MALAY ROYAL TOWN OF KUALA KANGSAR** Nazli Che Din*, Heba A M Shehab, Liyana Hasnan, Raha Sulaiman, Nurul Amira Abd Jalil, Jian Kang		**3056- ACADEMIC PERFORMANCE AND COGNITIVE FATIGUE: EVALUATING ROOM ACOUSTICS AND SPEECH INTELLIGIBILITY IN HIGHER EDUCATION LEARNING SPACES** Kanakri Shireen*	**261- INFLUENCE OF SUPPORT CONDITIONS ON THE VIBROACOUSTIC RESPONSE OF CROSS-LAMINATED TIMBER FLOORS** Lima Henrique*, Lee Joonhee, Hafeez Ghazanfarah	**566- INTEGRATION OF CNN FEATURE EXTRACTION AND TWO-STAGE XGBOOST FOR WIND TURBINE FAULT DIAGNOSIS UNDER VARIABLE WIND SPEEDS** Tang Yao-Chi, Cheng Hao-Dong*	**833- THE IMPORTANCE OF COHERENCE IN PRACTICAL FEEDFORWARD ACTIVE NOISE CONTROL** Paurobally Mohammad Roshun*	**773- SEPARATION OF UNDERWATER SOUND RADIATION FROM TBL PRESSURE FLUCTUATION WITH DEEP NEURAL NETWORKS** Mo Dengxian, Zhou Qi, Wu Keming, Liu Yongwei, Xiao Yan*, Shang Dejiang	**5- ANALYSIS OF THE DISPLACEMENT CONTROL EFFECT OF DAMPERS ON SUSPENSION BRIDGES CAUSED BY VEHICLES** Li Yong, Sun Dezhang, Dai Junwu*, Bai Wen, Shao Zhipeng	**304- HIGH-FIDELITY SIMULATIONS OF EVTOL ROTOR NOISE IN HIGHLY UNSTEADY VERTIPORT ENVIRONMENT** Voropayev Vadim, Golubev Vladimir*	**3013- NOISE AND VIBRATION IN THE EUROPEAN OCCUPATIONAL HYGIENE COMPETENCY FRAMEWORK** Luzzi Sergio*, Sacco Paolo	**122- BEHAVIOR IDENTIFICATION OF ISOLATORS IN SEISMICALLY ISOLATED BUILDINGS USING TIME-FREQUENCY ANALYSIS** Yin Shih-Hsun*
	09:15-09:30	**847- EVALUATION OF THE SOUNDSCAPE QUALITY OF HISTORIC BAZAARS: THE CASE OF ISTANBUL GRAND BAZAAR** Asoudeh Sahar, San Ozbilen Bilge*		**427- ROOM ACOUSTICS DESIGN FOR LARGE EDUCATIONAL SPACES - CASE STUDY** Tıraş Murat, Ilgürel Mehmet Nuri*	**910- MONITORING AND ASSESSING THE IMPACT OF INFRASTRUCTURE MAINTENANCE ON GROUND-BORNE NOISE AND VIBRATIONS: A CASE STUDY OF A NEOCLASSICAL RESIDENCE NEAR ATHENS-PLAKA METRO LINE 2** Valamvanos Panagiotis*, Vogiatzis Konstantinos, Mouzakis Haralampos	**100- SEVERITY CLASSIFICATION OF WIND TURBINE GEARBOX FAULTS UNDER NON-STATIONARY CONDITIONS** Pupat Alexandre*, Chiementin Xavier, Le Roux Solen, Boujelben Abir, Cousinard Olivier	**9- AN IMPROVED ALGORITHM FOR ACTIVE IMPULSE NOISE CONTROL** Heqi Li, Tian Ran Lin*, Shaoyi Wang	**852- DATA-DRIVEN FLOW-INDUCED VIBRO-ACOUSTICS OF A CYLINDRICAL PANEL-CAVITY SYSTEM** Wang Biqian*, Li Yuhui, Chang Daoqing, Sun Hongling	**22- CONDITION MONITORING OF VEHICLE GEARBOX USING ORDER ANALYSIS** Sann Samnang*, Tomeh Elias, Petr Tomas, Vozenilek Robert, Zvolsky Tomas	**484- NUMERICAL BEAMFORMING TO IDENTIFY AVIATION NOISE SOURCES IN COMPUTATIONAL EXPERIMENT** Kozubskaya Tatiana*, Plaksin Gleb, Sofronov Ivan	**806- OCCUPATIONAL AND ENVIRONMENTAL NOISE: ROAD TO PROACTIVE RISK MANAGEMENT** Baldassarre Antonio*, Bartalucci Chiara, Amodeo Veronica, Pulella Paola, Secchi Simone, Luzzi Sergio, Astolfi Arianna, Nataletti Pietro, Mucci Nicola	**219- VIBRATION AND POWER FLOW ANALYSIS OF THE ACOUSTIC BLACK HOLE DOUBLE-BEAM COUPLED STRUCTURE** Su Mengfei*, Du Jingtao, Liu Yang
	09:30-09:45	**863- ACOUSTIC HERITAGE IN A LAYERED CITY: TRACING THE TEMPORAL SOUNDSCAPES OF DIYARBAKIR** Cakir Aydin Derya*		**950- ASSESSMENT OF UNIVERSITY PROFESSORS\' VOCAL BEHAVIOR IN LECTURE ROOMS** La Capra Giuseppe, Sgro Davide, Fissore Virginia Isabella, Guastamacchia Angela, Riente Fabrizio, Carullo Alessio, Puglisi Giuseppina Emma, Shtrepi Louena, Astolfi Arianna*	**939- TRAFFIC-INDUCED VIBRATIONS IN CULTURAL HERITAGE BUILDINGS: EVALUATION OF REGULATORY LIMITS FOR STRUCTURAL SAFETY AND USER COMFORT** Karadana Nursel*, Ozcevik Bilen Asli	**809- ENHANCING GEAR FAULT DIAGNOSIS WITH INADEQUACY AND UNCERTAINTY IN LABELED DATA THROUGH BAYESIAN DEEP LEARNING** Zhou Qianyu, Zhou Kai, Tang Jiong*	**266- PRACTICAL MODELING OF NONLINEAR ACTIVE NOISE CONTROL SYSTEMS USING LOW-COMPLEXITY NEURAL NETWORKS** Ferrer Miguel, De Diego Maria*, Gonzalez Alberto	**922- STATISTICAL CHARACTERISTICS OF VIBRO-ACOUSTIC RADIATION FROM A PARTIALLY SUBMERGED CYLINDRICAL SHELL UNDER IRREGULAR WAVES** Peng Jiajun*, Zhao Kaiqi, Shi Yehao, Gao Han, Ren Jielin, Zhang Jian	**65- DIGITAL TWIN FRAMEWORK FOR RAILWAY-INDUCED NOISE PROBLEMS** Liravi Hassan*, Wang Shuo, Lyu Huanbo, Ninic Jelena	**489- SOLVING THE ACOUSTIC HELMHOLTZ EQUATION THROUGH QUANTUM COMPUTING** Wang Yifei*, Nagai Shunichiro, Morgans Aimee	**855- OCCUPATIONAL NOISE-INDUCED HEARING LOSS IN PATIENTS WITH PNEUMOCONIOSIS: A FREQUENTLY OVERLOOKED OCCUPATIONAL DISEASE** Aydın Özgür Esra*, Doğrul Zeynep, Oyman Eliz, Can Barış	**228- ACOUSTIC MODELING AND CHARACTERISTIC ANALYSIS OF THE ENCLOSED CAVITY WITH INTERNAL PARTITIONS** Zhong Xin*, Du Jingtao, Liu Yang
	09:45-10:00	**917- ACOUSTIC RECONSTRUCTION OF THE MYRELAION ROTUNDA AND THE REPRODUCTION OF ITS AURAL HERITAGE** Can Erdinç*, Sözen Aka Irem		**748- ACOUSTIC PERFORMANCE IN UNIVERSITY BUILDINGS: A COMPARATIVE ANALYSIS OF HISTORICAL AND MODERN TYPOLOGIES** Asdrubali Francesco*, Barbaro Leone Maria, Chiatti Chiara, Luzzi Sergio, Pullella Paola, Busa Lucia, Amodeo Veronica	**679- VIBRATION LIMITS FOR A NATURAL HISTORY MUSEUM LOCATED NEAR A CONSTRUCTION SITE** Koufoudi Eleni, Dunand François, Beqiraj Meriton, Thomassin Sylvette*	**89- UNSUPERVISED CROSS-CONDITION FAULT DIAGNOSIS: A DYNAMIC HYPERGRAPH NETWORK INTEGRATING PHYSICAL PRIORS AND CONFIDENCE-WEIGHTED SELF-TRAINING** Xue Linlin*, Luo Huageng	**358- STABILITY ANALYSIS OF ACTIVE NOISE CONTROL METHODS FOR AIRCRAFT ACTIVE LINING PANELS** Sevaraj Praaveesh Raaj*, Misol Malte, Monner Hans Peter	**925- EXPERIMENTAL STUDY ON UNDERWATER ACOUSTIC POSITIONING USING DIRECT-WAVE DETECTION BASED ON RECONSTRUCTED WAVEFRONT SETS IN A LARGE TEST TANK** Saito Taiga*, Ebihara Tadashi, Tsuchiya Atsushi, Sato Yuji, Aoki Takuya, Wakatsuki Naoto, Zempo Keiichi, Yoshihara Tohru	**72- SUBJECTIVE ACOUSTIC ASSESSMENT OF BEV INTERIOR NOISE USING SOUND QUALITY METRICS FROM ON-ROAD OPERATIONAL MEASUREMENTS** Ferrali Leonardo*, Cardillo Marco	**589- MODELLING OF SURGE BLEED VALVE NOISE USING LES, RANS, AND REDUCED-ORDER ACOUSTIC ANALOGY METHODS** Solntsev Igor*, Gryazev Vasily, Galgal Ahmed, Ibrahim Ayub, Maraj Isabella, Liu Tao, Gupta Alok, Markesteijn Annabel, Karabasov Sergey	**531- DPOAES AS EARLY BIOMARKERS OF HEARING LOSS INDUCED BY CONCOMITANT NOISE AND STYRENE EXPOSURE IN FIBERGLASS MANUFACTURING** Botti Teresa*, Sanjust Filippo, Cerini Luigi, Gherardi Monica, Gordiani Andrea, Pigini Daniela, Sisto Renata	**240- STUDY ON NONLINEAR VIBRATION ANALYSIS TO EVALUATE FATIGUE STRENGTH OF SHEET METAL STRUCTURE, SUPPORTED BY CONNECTING METAL** Kawaguchi Masataka*, Takii Ryosuke, Tanaka Kazuto, Watanabe Kimitaka
	10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*
	10:30-11:30	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***	***Plenary - Dorte Hammershøi***
	11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
8.7.26 Wednesday	Parallel-2 11:45-13:00	LIGHTNING TALK+FILM The Voice of Hagia Sophia *in Plenary Hall* **Speaker: Bissera Pentcheva** **Moderator: Derya Cakir Aydin, Hanife Ayca Dogan Iseri**	**T05SS01(1)** Wave propagation in heterogenous and architectured media **Ali Demirci**	LIGHTNING TALK+FILM The Voice of Hagia Sophia *in Plenary Hall* **Speaker: Bissera Pentcheva** **Moderator: Derya Cakir Aydin, Hanife Ayca Dogan Iseri**	**T15RS01** Building acoustics **Marco Caniato, Selma Kurra, Nuri İlgurel**	**T04SS01(2)** AI-driven fault diagnosis and condition monitoring & PHM **Haijun Wu, Volkan Acun**	**T03RS01(1)** Active control of sound & Semi-active control **Stanisław Wrona**	**T10SS03(1)** Ship and harbour noise and vibration **Davide Borelli, Corrado Schenone**	**T09RS01(2)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS05** Acoustic simulation, test, and control in spacecraft **Ling Zheng**	**T12SS01(2)** Occupational noise and health **Yücel Demiral, Antonio Baldassarre**	**T07RS03(2)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**
	11:45-12:00		**99- NUMERICAL SIMULATION OF WAVE PROPAGATION IN THERMOELASTIC MEDIA WITH VARIABLE THERMAL CONDUCTIVITY** Wang Zhiwei*, Piao Shengchun, Zhang Minghui		**46- BEYOND SINGLE-NUMBER METRICS: SYSTEM-DEPENDENT ACOUSTIC PERFORMANCE OF WASTEWATER PIPING SYSTEMS** Okay Mehmet*	**532- AI-ENABLED STRUCTURAL AND OPERATIONAL SAFETY MONITORING IN MINIATURE PLASTIC SHREDDERS** Wong Tsz Ying, Ho Oi Lam, Li Yiyang*	**201- MODELING AND SIMULATION OF MAGNETORHEOLOGICAL SEMI-ACTIVE VIBRATION ISOLATION SYSTEM FOR REACTOR COOLANT PUMP** Zhang Jiaming*, Zou Donglin, Liao Guojiang, Yu Yongfeng, Ta Na, Zhang Zhiyi, Rao Zhushi		**75- EXPERIMENTAL STUDY ON THE HOT JUDDER IN AUTOMOTIVE DISC BRAKES** Sada Kenya*, Nakae Takashi, Ryu Takahiro, Kitamura Junichi, Suzuki Tsuyoshi, Koseki Takuro, Ikeda Hideaki, Horii Takahiro, Noguchi Testuya	**350- A SURROGATE MODEL FOR RAPID PREDICTION OF NEAR-FIELD OVERPRESSURE IN SONIC BOOM ANALYSIS** Ma Qizheng*, Chen Chao	**555- OCCUPATIONAL NOISE IN ITALIAN HOSPITALS: PRELIMINARY MONITORING AND MEASUREMENT PROTOCOL FROM A NATIONAL RESEARCH PROJECT** Amodeo Veronica, Bartalucci Chiara*, Baldassarre Antonio, Busa Lucia, Luzzi Sergio, Marzi Luca, Mucci Nicola, Nannipieri Elisa, Secchi Simone, Astolfi Arianna	**249- DESIGN METHODOLOGY OF TUNED MASS DAMPER FOR MAXIMIZING CHATTER STABILITY LIMITS** Nakano Yutaka*, Tanaka Aryu
	12:00-12:15		**275- USING NUMERICAL MODELING TO ASSESS FAR-FIELD ASSUMPTIONS OF GROUND-BORNE WAVES** Stancioiu Ioan-Alexandru*, Hopkins Carl		**48- ISO/TS 19488 AND THE NEEDED NUMBER OF MEASUREMENTS TO VALIDATE A CLASS.** Neubauer Reinhard O.*	**832- A LIGHTWEIGHT LSTM-BASED CLASSIFIER FOR SHORT-TIME ULTRASONIC ACOUSTIC SIGNALS** Havranek Zdenek*, Dosedel Martin, Hnidka Jakub	**565- SELF-SENSING PIEZOELECTRIC ACOUSTIC METAMATERIALS FOR REAL-TIME WAVEFRONT MANIPULATION** Lyu Weihang*, Chen Qi, Yuan Hongling, Huang Jingyi, Wang Xiaole, Zhao Chunyu	**86- DIFFRACTION THEORY OF PRESSURE SENSITIVITY OF DISTRIBUTED ACOUSTIC SENSING (DAS)** Godin Oleg A.*	**136- EXPERIMENTAL INVESTIGATION OF METAMATERIAL-ENHANCED DYNAMIC VIBRATION ABSORBERS FOR SUBWAY RAIL VIBRATION MITIGATION** Afsharfard Aref*, Kim Kyung Chun	**242- INVESTIGATION FOR NOISE SIMULATION AND CONTROL ON CHINA'S SPACE STATION** Zhu Jianbin*, Ma Gongbo, Lu Dongdong, Gao Fei, Liu Chuang	**1- ATTENUATION OF HAND-TRANSMITTED VIBRATION USING NEOPRENE FABRIC ON EARTHMOVING EQUIPMENT** Li Zhuang*, Odutola Samson, Enoch Victor	**450- VIBRATION REDUCTION OF AN ATTACHED BEAM SYSTEM USING ACOUSTIC BLACK HOLE AND PIEZOELECTRIC SHUNT DAMPING** Tian-Hao Wang, Xiang Xie*, Tian-Gui Ye, Yu-Kun Chen, Guo-Yong Jin, and Zan-Xu Chen
	12:15-12:30		**494- FAR-FIELD SONIC-BOOM PREDICTION CONSIDERING ATMOSPHERIC TURBULENCE** Huijie Yang*, Guanwen Sun, Hanyin Cui, Weijun Lin, Tingting Liu		**410- PREDICTING ACOUSTIC PERFORMANCE RELIABILITY FOR SOUND ABSORBING PARTICLEBOARDS: A WEIBULL DISTRIBUTION APPROACH** Nurliza Salim *, Abu Aminudin, A. Bakar Balkis Fatomer, Othman Nor 'Azizi, Anis Samsol Faizal	**994- EDGE AI FOR SMART AND PHYSICS-AWARE ANOMALY DETECTION WITH AI-AGENT DIAGNOSIS IN MICRO-FEATURE MANUFACTURING** Tsai Yu-Ting, Yang Wen-Yi*, Chen Tai-Lin, Tsai Ching-Piao	**754- NOISE REDUCTION BY THIN PLATES INCORPORATING A DISSIMILAR MATERIAL PATCH AND ACTIVE CONTROL** Khaled Maamoun, Marek Pawelczyk*, Stanislaw Wrona, Hamid Reza Karimi	**299- ROBUSTNESS ANALYSIS OF BEAMFORMING FOR A SPARSE NESTED TWISTED BI-CONE ARRAY UNDER ARRAY ERROR CONDITIONS** Wang Xinyu, He Huihui, Yang Yuxin, Shi Shengguo*	**172- RESEARCH ON VIBRATION CHARACTERISTICS AND VIBRATION REDUCTION EFFECTS BEFORE AND AFTER THE TRANSFORMATION OF HIGH-GRADE VIBRATION REDUCTION FASTENERS AND RAIL MILLING IN METRO** Dan Wu*, Yubin Wu, Ruixiang Song, Lei He, Qine Zeng	**510- ENERGY HARVESTING OF EXTERNAL PIEZOE-LECTRIC ACOUSTIC BLACK HOLE BEAM** Zheng Ling*, Huang Xiaoyu, Li Hui	**657- FOOT-TRANSMITTED VIBRATION EXPOSURE DURING WALKING: IMPLICATIONS FOR THE WEIGHTING PROCEDURE** Marrone Flavia*, Tirabasso Angelo, Marchetti Enrico, Tarabini Marco	**500- COUPLED VIBRATIONS IN A SYMMETRIC MAGNETICALLY ADHERED DRILLING SYSTEM ON A THIN PLATE** Yue Feng, Yikun Yang, Yahui Zhang, Haoyang Li, Kaixiang Li, Bintang Yang*
	12:30-12:45		**789- ON THE HIGH-ORDER GAUSSIAN BEAM SERIES METHOD FOR ACOUSTIC LATERAL WAVE PROPAGATION IN STRATIFIED FLOWS** Bao Hongsen*, Zhou Peng, Zhang Xin		**435- REDUCTION OF FLOOR IMPACT NOISE USING ACOUSTIC METAMATERIAL-BASED CEILING MATERIALS** Jeongho Jeong*, Junhyuk Kwak, Jongjin Park, Hyojin Lee	**394- AN IMPROVED ENGINE VIBRATION SIGNAL CLASSIFICATION USING ORDER ANALYSIS AND CNN MODEL INCORPORATING CHANNEL-SPATIAL ATTENTION MECHANISM** Ning Li*, Yang Liu, Chaoping Zang	**768- AN ADAPTIVE MECHANO-ELECTRICAL SOUND ABSORBER INCORPORATING CUBIC AND ONE-THIRD NONLINEARITIES FOR WIDE-BAND SOUND ABSORPTION** Xingyu Hu, Yisheng Zheng*, Naihao Yu	**388- LOW-FREQUENCY VIBRATION CONTROL IN SHIP STRUCTURES VIA OPTIMIZED ACOUSTIC BLACK HOLES: A NUMERICAL STUDY USING SUPER-ELEMENT MODELING** Kyaw Oo D'Amore Giada*, Rognoni Giovanni, Clarich Alberto, Biot Marco	**326- EVALUATION OF RAILWAY NOISE CONTROL STRATEGIES: COMPARATIVE ASSESSMENT OF MITIGATION EFFECTIVENESS IN OPERATIONAL ENVIRONMENTS** Asaff Yesid*, Fiorentin Thiago, Conradt Amanda, Nunes Katilene	**703- SOUND AMPLIFICATION OF MOVING AERODYNAMIC SOURCES VIA WAVENUMBER INTEGRATION** Li Hui*, Zheng Ling, Li Yinong	**933- EXPERIMENTAL SET UP FOR THE EVALUATION OF FM RECEIVER EARMUFF PPE** Burriesci Giancarlo*, Mariconte Raffaele, Annesi Diego, Nataletti Pietro, D'Agostino Simona, Moschetto Antonio	**567- CONTROL OF WAVE PROPAGATION IN A 1-DIMENSIONAL CLASS-1 PERIODIC PLANAR TENSEGRITY STRUCTURE** Akhtar Sunny, Sunny Mohamed Rabius*
	12:45-13:00		**366- EFFECT OF MATERIAL INHOMOGENEITIES ON THE DISPERSION OF WAVES OVER AN IMPERFECT SYMMETRIC THREE-LAYERED HETEROGENEOUS STRUCTURE EMBEDDED IN WINKLER FOUNDATIONS** Rahmatullah Nuruddeen*, Saad Althobaiti, Ali Mubaraki		**611- ACOUSTIC PERFORMANCE ASSESSMENT OF AUTOCLAVED AERATED CONCRETE (AAC) COMPOSITE WALLS: EXPERIMENTAL ANALYSIS AND ENHANCED PREDICTION MODELS** Marco Caniato*, Nicola Granzotto	**681- A MACHINE LEARNING FRAMEWORK FOR EARLY FAULT DETECTION IN BEARINGS USING SPECTRAL SHAPE ANALYSIS OF VIBRATION SIGNALS** Jakhi Avadhut*, Singru Pravin, Joshi Ramprasad, Bhat Ramesh	**77- MECHANISM ANALYSIS AND ROBUST OPTIMIZATION OF SECONDARY PATH MISMATCH FOR IN-VEHICLE ACTIVE ROAD NOISE CONTROL** Zhu Zhehui*, Liu Sihan, Zhang Lijun, Meng Dejian	**857- ADVANCES OF NOISE TESTING TECHNOLOGY IN REVERBERATE TANKS** Cheng Tianyao, Tang Rui*, Xie Yuhang	**767- LABORATORY EVALUATION OF TYRE–ROAD ROLLING NOISE USING THE RUBBER PLATE IMPACT METHOD** Praticò Filippo G.*, Mypati Vamsi Navya Krishna		**3004- A MULTIMODAL AI SYSTEM FOR SPATIAL IDENTIFICATION AND MAPPING OF NOISE SOURCES AT WIND FARMS** Pawel Malecki*, Bartlomiej Biezyca, Grzegorz Pyda	**582- THE ELASTIC BANDGAPS AND VIBRATION SUPPRESSION INDUCED BY DEFORMATION OF SCHWARZ PRIMITIVE STRUCTURE** Wu Hua*, Shen Yizhou, He Shun, Xu Yanlong, Yang Zhichun
	13:00-14:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
	14:00-15:00	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***	***Plenary - Antonio J. Torija Martínez***
	15:00-15:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*

8.7.26 Wednesday		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
	Parallel-3 15:30-16:45	**T14RS02(2)** Urban soundscapes **Jian Kang, Aslı Özçevik Bilen, Seda Kulak Dalkılıç**	**T05SS01(2)** Wave propagation in heterogenous and architectured media **Ali Demirci**	**T16SS09** Acoustics of multipurpose halls **Youngmin Kwon, Zuhre Su Gul**	**T15SS02** Subjective evaluation of noise and vibration in built environment **Ayca Sentop Dumen, Federica Bettarello**		**T03RS01(2)** Active control of sound & Semi-active control **Stanisław Wrona**	**T10SS03(2)** Ship and harbour noise and vibration **Davide Borelli, Corrado Schenone**	**T09RS01(3)** Vehicle, road and railway noise and vibration **Francisco David Denia, Osman Taha Şen**	**T08SS04** Propeller/Rotor, Wing, and Wind Turbine Noise **Esmaeel Masoudi**		**T07RS03(3)** Structural acoustics and vibration **James Talbot, Halit Süleyman Türkmen**
	15:30-15:45	**915- SUBJECTIVE EVALUATION OF SOUNDSCAPES AND THE EFFECTS OF TRAFFIC NOISE USING VIRTUAL REALITY: A PILOT STUDY** Yepez-Bonilla Milagros, Arenas Jorge P.*, Stamm Caroline	**49- MANIPULATION OF TERAHERTZ ELASTIC WAVE BANDGAPS IN MULTILAYERED VAN DER WAALS METAMATERIALS** Jing Yabin*, Wang Lifeng, Chen Liqun	**590- ACOUSTICAL DESIGN CHALLENGES IN LARGE MULTI-PURPOSE VENUES: THE ROLE OF COUPLED VOLUMES AND THE STAGE** Zühre Sü Gül*, Zeynep Bora Özyurt, Erva Üçüncü	**167- EVALUATING FLOOR IMPACT SOUND INSULATION GRADES THROUGH CONJOINT ANALYSIS OF WILLINGNESS TO PAY** Tae-Ho Park*, Joo-Young Hong		**34- CONTROL SYSTEM DESIGN AND PERFORMANCE EVALUATION OF THE RECIPROCATION MODE IN A ROTARY ACTIVE MASS DAMPER** Tagami Masaharu*, Tagawa Yasutaka, Wachi Tempei	**117- CALCULATION AND ANALYSIS OF NOISE CHARACTERISTICS OF SINGLE-LAYER AND DOUBLE-LAYER SHELL UNDERWATER VEHICLES** Zhang Zhiqian*, Liu Yongwei, Wu Keming, Shang Dejiang, Yu Yongfeng	**173- ANALYSIS OF INDOOR VIBRATION SOUND RADIATION CHARACTERISTICS INSIDE RESIDENTIAL BUILDINGS DUE TO SUBWAY** Qine Zeng, Yubin Wu*, Ruixiang Song, Lei He, Dan Wu	**280- A COMPARATIVE STUDY ON THE AERODYNAMICS AND AEROACOUSTICS OF COAXIAL CONTRA-ROTATING AND CO-ROTATING ROTORS** Li Yuhong*, Gu Shibo, Li Haiwang, Zhou Peng		**643- PASSIVE NOISE REDUCTION BY THIN PLATES WITH DISSIMILAR MATERIAL PATCHES** Maamoun Khaled Said Ahmed*, Pawelczyk Marek, Wrona Stanislaw, Karimi Hamid Reza
	15:45-16:00	**359- SOUND SOURCES INCLUSION AS A SENSE OF SAFETY EVALUATION ELEMENT: INSIGHTS FROM SAFETY AUDITS IN DISPLACEMENT CAMPS** Al-Bayyar Zinah*, Al-Bayyar Omar	**741- THE EFFECT OF MATERIAL INHOMOGENEITY AND BOUNDARY IRREGULARITIES ON NONLINEAR SH WAVE PROPAGATION** Sezer Tugce*, Ahmetolan Semra	**594- EFFECTS OF REVERBERATION TIME AND SOUND LEVEL ON THE PERCEPTUAL DISCRIMINATION OF IMPULSE RESPONSES** Tokunaga Yasunobu*, Terashima Takane	**256- THE ACOUSTIC ENVIRONMENT AND USER EXPERIENCE IN COLLECTIVE WORKSPACES** Kelle Dilara*, Saher Konca, Ustundag Ganic Ozge		**245- A NEW STRUCTURE DESIGN AND OPTIMIZATION OF HIGH-POWER-DENSITY ELECTROMAGNETIC ACTUATOR** Ding Longqi*, Zhou Ruiping, Lei Junsong, Ma Zhaozhao, He Shuhao, Dong Zhangbing	**649- AIRBORNE NOISE MEASUREMENTS OF A CRUISE SHIP: EXPERIMENTAL CAMPAIGN AND MODEL VALIDATION** Mocerino Luigia*, Viscardi Massimo, Bocanegra Johan Augusto, Borelli Davide, Schenone Corrado, Rizzuto Enrico, Gaggero Tomaso, Biot Marco, Rognoni Giovanni, Iuliano Andrea, Gaggero Federico	**434- EXPERIMENTAL AND COMPUTATIONAL INVESTIGATION OF OPERATIONAL PARAMETERS ON BRAKE SQUEAL INITIATION** Kırmacı Mustafa Enes, Taşdelen Yusuf, Yavuz Akif, Sen Osman Taha*	**356- EXPERIMENTAL CHARACTERIZATION OF THE AERODYNAMICS AND ACOUSTICS OF WIND TURBINE BLADES EQUIPPED WITH A BLADELET** Yeung Siu Ting*, Redonnet Stephane, Schmidt Thomas		**900- STUDY ON VIBRATION AND NOISE CHARACTERISTICS OF A NOVEL MICROSCALE ULTRASONIC-FREQUENCY PIEZOELECTRIC JET DEVICE** Fu Zuyu, Niu Junchuan*
	16:00-16:15	**930- NOISE-FREE OR SILENT? WHAT IS AN ACOUSTIC QUALITY SPACE?** Dogan Iseri Hanife Ayca*, Ozcevik Bilen Asli	**423- UNDERWATER ACOUSTIC LUNEBURG LENS BASED ON A SQUARE-LATTICE ISOTROPIC TRUSS STRUCTURE** Li Yifan, Yang Yuzhen*, Jia Han	**626- INTEGRATED ROOM ACOUSTICS AND SOUND INSULATION DESIGN OF A MULTI-PURPOSE FUNCTION SPACE UNDER CHALLENGING ARCHITECTURAL CONSTRAINTS** Talayman Turker*	**948- INQUIRY-BASED LEARNING (IBL) THROUGH KEY INFORMANT INTERVIEWS IN AN ACOUSTICS COURSE** Sentop Dumen Ayca*, Kelle Dilara		**470- MULTI-DOF ACTIVE-PASSIVE INTEGRATED VIBRATION ISOLATION FOR MECHATRONIC EQUIPMENT VIA PIEZOELECTRIC ACTUATORS** Xie Xiling*, Zhang Zhenhua, Wei Mingjun, Jing Bo, Zhang Zhiyi	**931- HIGH-RESOLUTION NOISE MAPS FOR MITIGATION STRATEGY ASSESSMENT IN THE PASSENGER PORT OF SPLIT** Luca Fredianelli*, Elena Ascari, Gaetano Licitra, Elena Bassetti, Fabio Lucchesi, Marco Bernardini, Domenico Profumo, Francesco D'Alessandro, Samuele Schiavoni, Luka Vukic	**668- EXPERIMENTAL ACOUSTIC TRANSFER FUNCTIONS FOR THE IDENTIFICATION OF EQUIVALENT MONOPOLE SOURCES AND THE PREDICTION OF COAST-BY TYRE/ROAD NOISE** Dallasta Samanta, Rapino Luca, Ripamonti Francesco*, Baro Simone, Corradi Roberto	**684- PARAMETRIC EXPERIMENTAL STUDY OF STACKED ROTORS FOR UAV PROPULSION: IDENTIFICATION OF AN RPM-INDEPENDENT OPTIMAL CONFIGURATION** Kekus-Kumor Pawel*, Sieradzki Adam		**722- HYBRID AI-BASED HULL VIBRATION ESTIMATION FOR UNDERWATER RADIATED NOISE PREDICTION** Lee Seong-Hyun*, Seo Yun-Ho, Ma Pyung-Sik
	16:15-16:30	**3020- FIELD-BASED ACOUSTIC AND PERCEPTUAL EVALUATION OF TAKSIM AND YENIKAPI METRO PLATFORMS** Oner Nursah*, Terzioglu Furkan, Ozturk Sinem	**529- RADIATION OF PILLAR RESONATORS IN THE CONTINUUMS OF LAMB WAVEGUIDE** An Shuowei*, Liu Tuo	**260- ACOUSTICS OF SACRED AND HISTORIC BUILDINGS IN POLAND FROM REVERBERATION METRICS TO THE SPATIAL DISTRIBUTION OF ACOUSTIC ENERGY** Malecki Pawel*	**613- SOUND MAPS AS A DESIGN TOOL FOR SENSORY ACCESSIBILITY IN MUSEUMS: ADDRESSING NEURODIVERGENT VISITORS' NEEDS** Bettarello Federica*, Di Prisco Martina, Scavuzzo Giuseppina		**3050- FROM ATTENUATION TO EXPERIENCE: RETHINKING PERFORMANCE EVALUATION OF ANC-ENABLED PRODUCTS** Zulfi Rachman*, Francesco Aletta, Alberto Gonzalez, Anne-Marie Anfray, Christophe Langlois, Francesco Ripamonti, Lisa Lavia, Malte Misol, Marek Pawełczyk, Maria De Diego, Stanisław Wrona	**542- INTEGRATED HYDROPHONE ARRAY SYSTEM FOR UNDERWATER ACOUSTIC IMAGING AND SOUND SOURCE LOCALIZATION** Briche Florian*, Vonrhein Benjamin	**671- SURFACE VELOCITY MEASUREMENTS OF A ROLLING TYRE THROUGH A FULL-FIELD LASER VIBROMETER** Dallasta Samanta, Giacomoni Filippo*, Rapino Luca, Ripamonti Francesco, Baro Simone, Corradi Roberto	**753- AN EXPERIMENTAL INVESTIGATION OF ACOUSTIC AND PSYCHOACOUSTIC CHARACTERISTICS OF CONTRA-ROTATING ROTORS** Wu Han*, Wang Zimo, Zhong Siyang, Zhou Peng		**729- LOCALLY SYMMETRIC CRAIG BAMPTON TECHNIQUE FOR VIBROACOUSTIC PROBLEMS** Tabak Umut*, Rixen Daniel J.
	16:30-16:45				**263- EFFECTS OF AUDIO VISUAL INTERACTION ON SOUNDSCAPE PERCEPTION IN URBAN COURTYARDS** Sheng Yifan*, Mitsui Yuto, Asakura Takumi, Lee Pyoung-Jik		**757- A PRELIMINARY INVESTIGATION INTO THE EFFECT OF HEAD SHAPE ON THE PERFORMANCE OF A LOCAL ACTIVE NOISE CONTROL HEADREST SYSTEM EQUIPPED WITH HEAD-TRACKING** Lai Chung Kwan*, Cheer Jordan		**667- LABORATORY-BASED ASSESSMENT OF TYRE–ROAD ROLLING NOISE: STATE-OF-THE-ART AND PERSPECTIVES FOR FUTURE URBAN ACOUSTICS** Praticò Filippo G.*, Mypati Vamsi Navya Krishna	**966- EXPERIMENTAL INVESTIGATION ON THE NOISE OF DUAL PHASE-SYNCHRONIZED PROPELLERS** Ma Zhida*, Cao Cheng, Liu Guangsheng, Zhou Peng, Chen Wangqiao, Zhang Xin		
	16:30-18:45	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***	***Poster / Project fair***

9.7.26 Thursday

	MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
Parallel-1	**T14SS05**	**T05RS02**	**T16SS07/ T16SS01**	**T06SS01**	**T04SS04(1)**		**T10RS01**	**T09SS01**	**T08SS13**	**T07RS04(1)**	**T07RS03(4)**
	Soundscape Interventions and Good Practice	Physical acoustics	Speech Intelligibility / Acoustics in open plan offices	Acoustic materials and sustainability	AI and digital methods for acoustics and innovative urban applications		Underwater sound – measurement and modelling	Traditional and electrical vehicle noise, vibration and harshness (NVH)	Duct acoustics: propagation, measurement, and noise control with or without flow	Rotor dynamics	Structural acoustics and vibration
08:30-10:00	**Keely Siebein, Oguz Oner**	**Cihan Bayındır, Li Weibin**	**Kıvanç Kitapcı, Nao Hodoshima / Joonhee Lee**	**Francesco Asdrubali**	**Ayse Glass, Dick Botteldooren, Semiha Yılmazer**		**Adrian Brown, Mehmet Berke Gür**	**Osman Taha Şen**	**Yat Sze Choy**	**Matt Allen**	**James Talbot, Halit Süleyman Türkmen**
08:30-08:45		**3017- PARSIMONIOUS L1-REGULARIZED SPARSE IDENTIFICATION OF RAILWAY ACOUSTICS** Bayindir Cihan*, Kesten Ali Sercan, Alan Ali Rıza	**719- PSYCHOLOGICAL EVALUATION STRUCTURE OF SPEECH QUALITY IN REVERBERANT FIELDS CONSIDERING SPEAKER CHARACTERISTICS** Sato Hayato*, Minami Okamoto					No Show **452- A STUDY ON VEHICLE VIBRO-ACOUSTIC COMFORT EVALUATION BASED ON DIFFERENT FUSION STRATEGIES** Qian Kun, Duan Jiying*, Du Xikang, Liu Ke, Wang Zhanpeng		**758- SPECTRAL ANALYSIS OF WIND TURBINE MAIN ROTOR DYNAMICS UNDER RANDOM WIND EXCITATION** Bal Hikmet, Aktürk Nizami*	
08:45-09:00	**834- LISTENING TO PLACE: USING SOUNDSCAPE PRINCIPLES TO INFORM MUNICIPAL NOISE ORDINANCES** Siebein Keely*, Siebein Gary, Siebein Gary Jr., Roa Marylin, Miller Jennifer, Matt Vetterick	**432- ACOUSTIC PERFORMANCE ASSESSMENT OF META-MATERIAL BASED SUCTION MUFFLERS IN REFRIGERATOR COMPRESSORS** Gün Mustafa, Örsçekiç Göksel, Kangal Yunus Emre, Çatak Nuri Onur, Koç Ilker Murat, Sen Osman Taha*	**93- EFFECTS OF URGENT SPEECH AND TEXT COLOR COMBINATIONS ON SPEECH INTELLIGIBILITY IN NOISY AND REVERBERANT ENVIRONMENTS** Hodoshima Nao*	**893- RECYCLED EPS GRANULES AS A GRANULAR FILLING MEDIUM FOR BROADBAND HELMHOLTZ-RESONATOR ACOUSTIC METAMATERIAL PANELS** Zibo Liu*, Wuzhou Yu			**775- ROBUST SUPERDIRECTIVE BEAMFORMING FOR MINIATURIZED-APERTURE ACOUSTIC VECTOR SENSOR ARRAYS BASED ON MULTIDIMENSIONAL KRONECKER PRODUCTS** Chen Xinzhe*, Zeng Fanchang, Xu Lingji, Lin Jing, Liu Dingning, Liu Yining	No Show **461- RESEARCH ON MULTI-MODAL DEEP FEATURE FUSION TECHNOLOGY FOR ACOUSTIC COMFORT EVALUATION OF AUTONOMOUS VEHICLES** Qian Kun, Guo Yuxuanlin*, Wu Shilin, Ji Yifan, Duan Jiying	**243- NONLINEAR INTERACTIONS OF ACOUSTIC MODES IN THREE-DIMENSIONAL RIGID DUCTS** Jin Zongliang*, Li Xiaodong, Liu Lin	**882- A FUNDAMENTAL STUDY ON ARTIFICIAL GENERATION OF ROTATING MACHINERY FAULT DATA FOR MACHINE LEARNING USING FLEXIBLE MULTIBODY DYNAMICS** Park Sang-Jin*, Jang Daesic, Lee Jeonghan, Park Jin-Ho, Rhee Huinam	**712- ASYMMETRIC TRANSMISSION OF AEROELASTIC RESPONSE IN SUPERSONIC NON-HERMITIAN METAMATERIAL PANEL** Shi Pengtao*
09:00-09:15	**558- AN INVESTIGATION ON SIMULATION-BASED SOUNDSCAPE DESIGN INTERVENTIONS IN UNIVERSITY DORMITORIES** Sen Cem Kaan*, Yilmazer Semiha, Ugurlu Zeynep, Yildiz Oya, Sahmaran Ceren	**511- TUNABLE IMPEDANCE MATCHING LAYER BASED ON PIEZOELECTRIC MATERIALS WITH EXTERNAL CIRCUITS** Jia Han*, Yang Yuzhen, Yang Jun	**895- A SYSTEMATIC REVIEW AND META-ANALYSIS ON INTERLINGUAL SPEECH INTELLIGIBILITY UNDER ADVERSE ACOUSTIC CONDITIONS** Kitapci Kivanc, Avcı Can Özge Selen, Çoban Öğütnaz*	**621- COMPARATIVE EVALUATION OF HELMHOLTZ RESONATORS WITH RECYCLED PET-BASED AND CONVENTIONAL FILLING MATERIALS** Keseci Erkurt Tuba*, Ozankan Altay, Koç Irem Cemre	**599- A MULTIMODAL AI PIPELINE FOR PREDICTING HOSPITAL AUDITORY PERCEPTION USING CROWDSOURCED VISUALS AND USER COMMENTS** Semiha Yılmazer*, Arzu Sorguç, Müge Kruşa Yemişçioğlu, Cengiz Yılmazer, Serkan Alkan, Emire Nur Solmaz, Aslı Zeynep Doğan		**199- AN UNDERWATER ACOUSTIC SC-FDE METHOD USING OPTIMIZED CHANNEL SELECTION AND FRACTIONAL TIME DIVERSITY** Sun Feng Quan*, Li Zhi Kuan, Ni Shang Cheng, Zhang Jia Qiao, Cui Hong Yu	**120- EXTRACTION OF HIGH CONTRIBUTING ACOUSTIC MODES OF VEHICLE LUGGAGE COMPARTMENT AND RESPONSE LEVEL ESTIMATION UTILIZING EXPERIMENTAL-CAE COMBINED PROCEDURE** Nakamura Masato*, Yoshida Junji, Nakajima Norihisa, Fukumoto Ichiro	**783- SEMI-PERIODIC MATRYOSHKA SONIC CRYSTALS FOR BROADBAND AND LOW-FREQUENCY NOISE ATTENUATION** Qiao Xiaoru*, Li Ying, Choy Yat Sze	**348- VIBRATION ANALYSIS OF CRACKED VARIABLE THICKNESS BLADES USING AN EXTENDED CHEBYSHEV SPECTRAL METHOD** Mao Qizhi*, Chen Yukun, Jin Guoyong, Han Chao, Ye Tiangui	**102- REUSABLE UNIVERSAL SKID BOARD FOR IMPROVING AERIAL DELIVERY PERFORMANCE** Allaei Daryoush*, Emdadi Arezoo
09:15-09:30	**830- USING DOG BIOMETRIC DATA TO EXPLORE KENNEL SOUNDSCAPES** Siebein Keely*, Boman Sarah, Shuttlesworth Salise, Siebein Gary, Lewis Heather	**709- PERFECT MODE CONVERSION FROM FLEXURAL TO LONGITUDINAL WAVES BASED ON ELASTIC BOUND STATE IN THE CONTINUUM** Liu Feng*	**596- SPEECH INTELLIGIBILITY ASSESSMENT UNDER BACKGROUND MUSIC IN RESTAURANTS** Vergili Suat*, Öziş Feridun, Şaher Konca, Kulak Dalkılıç Seda	**890- SCIENTIFIC MAPPING OF RESEARCH TRENDS IN THE ACOUSTIC PROPERTIES OF BAMBOO: A BIBLIOMETRIC ANALYSIS** Karakus-Zambak Ozlem*, Ozcetin Zuhal	**973- CAN AN AI SYSTEM DISTINGUISH AIRCRAFT FAMILIES FROM GROUND-LEVEL RECORDINGS USING NATURAL-LANGUAGE SOUND DESCRIPTIONS?** Bagkos Dimitrios*, Memoli Gianluca, Licitra Gaetano		**210- ADAPTIVE UNDERWATER ACOUSTIC COMMUNICATION VIA JOINT CHANNEL SENSING AND PARAMETER OPTIMIZATION IN HIGH-DYNAMIC SCENARIOS** Zhang Jiaqiao*, Cai Yuanzhe, Sun Fengquan, Li Zhikuan, Ni Shangcheng, Cui Hongyu	**638- VIBROACOUSTIC DIGITAL TWIN OF A DIESEL ENGINE FOR STATE ESTIMATION** Wróbel Radosław*	**850- FLOW AND ACOUSTICS INTERACTIONS OF PERFORATIONS BACKED BY POROUS MATERIAL** Li Ying, Qiao Xiaoru, Choy Yat Sze*	**507- ANALYSIS ON THE TRANSVERSE-LONGITUDINAL-TORSIONAL COUPLED VIBRATION CHARACTERISTICS OF A COMPLEX GEAR SHAFT SYSTEM CONSIDERING TOOTH SURFACE ROUGHNESS** Ni Shiwei*, Cao Duojian, Yang Yanling, Zhao Zehao, Meng Qingzhe	**270- VIBRATIONS OF SHIP STRUCTURES CONSIDERING WELDED JUNCTIONS BASED ON DYNAMIC STIFFNESS METHOD** Xuewen Yin, Qi Yang, Bin Yan, Wenwei Wu*
09:30-09:45	**972- QUANTIFYING SOUNDSCAPE DYNAMICS IN A PERI-URBAN PARK NEAR MILAN, ITALY** Benocci Roberto*, Roman H. Eduardo, Guagliumi Giorgia, Zaffaroni Caorsi Valentina, Zambon Giovanni	**920- SPEED OF SOUND MEASUREMENTS AT VARIOUS THERMODYMANIC TEMPERATURE BY ACOUSTIC GAS THERMOMETRY METHOD** Cafer Kirbas*, Murat Kalemci	**26- IMPACT OF HVAC NOISE ON SPEECH PRIVACY IN OPEN PLAN OFFICES** Hossam Eldien Hany*, Hammad Emad	**3051- DIRECTIONAL FLEXURAL STABILITY OF BOULIGAND CFRP LAMINATES: A COMPARATIVE STUDY WITH CROSS-PLY AND QUASI-ISOTROPIC CONFIGURATIONS** Soyugüzel Tahir, Tepe Seda, Balkan Demet, Türkmen Halit*	**918- URBAN MOBILITY, WAVES AND DATA: AN AI-POWERED HYBRID DIGITAL TWIN AND INTEGRATED AUDIO GUIDANCE OF HARBURG TRAIN STATION** Glass Ayse*, Müller-Lietzkow Jörg, Rostami Zahra, Dehbi Youness		**311- WIDEBAND PULSED SOURCE PARAMETER ESTIMATION IN DEEP SEA VIA JOINT MATCHING OF MULTIPATH FEATURES** Bi Huangchen*, Teng Tingting, Gan Jiayu	**97- AN IMPROVEMENT OF STEERING WHEEL VIBRATION IN A HEAVY COMMERCIAL VEHICLE USING A DYNAMIC VIBRATION ABSORBER** Celikkan Onur*, Cengiz Cagdas, Bucakli Sefa	**361- SOUND ATTENUATION OF CONTINUOUSLY VARYING IMPEDANCE LINERS IN GRAZING FLOW DUCTS** Chen Chao*, Xu Chen, Gao Junhui	**588- INFLUENCE OF COUPLED MULTIPHYSICS LOADS ON INTERFACE STATE VARIATION AND ROTOR DYNAMIC CHARACTERISTICS OF LARGE-DIAMETER DRUM-SHAFT BOLTED JOINTS** Zheng Wanfei*, Ma Yanhong, Wang Yongfeng, Yang Zhefu, Hong Jie	**291- THREE-DIMENSIONAL SHOCK-INDUCED FLUTTER OF A PANEL-CAVITY SYSTEM UNDER SPATIALLY INCLINED SHOCK** Hu Naitian*, Liu Hao, Qu Yegao, Meng Guang
09:45-10:00	**447- OPERA AS SOUNDSCAPE IN MESTRE ITALY** Gold Martin*	**964- MODELING AND EXPERIMENTAL INVESTIGATION OF PARTICLE TRANSPORT VIA SURFACE ACOUSTIC WAVES** Ghesquiere Jules*, Terzi Marina, Bou Matar Olivier, Cleve Sarah, Aleshin Vladislav, Baudoin Michael	**541- SPEECH PRIVACY AND ACOUSTIC QUALITY IN OPEN-PLAN OFFICES** Toubar Rewan*, Lee Joonhee, Mackenzie Roderick	**3033- EFFECT OF PRODUCTION CONDITIONS ON THE ACOUSTIC PERFORMANCE OF EXPANDED PERLITE-BASED LIME MORTARS** Baççıoğlu Cem*, Tanaçan Leyla	**559- DEVELOPMENT OF AN INTERNATIONAL ENVIRONMENTAL SOUND WEB-ONTOLOGY AND ITS APPLICATION IN AI** Botteldooren Dick*, Can Arnaud, Aletta Francesco, Fang Xiang, Hou Yuanbo, Fiebig Andre, Fırat Hasan Baran, Llorca-Bofí Josep, Klenke Reinhard, Van Renterghem Timothy		**763- MOVING TARGET DETECTION IN ACTIVE SONAR MEASUREMENT VIA BAYESIAN STRUCTURAL BLOCK DECOMPOSITION** Zeng Fanchang*, Chen Xinzhe, Xu Lingji, Li Zhixi, Ma Yihua, Hou Zhengyu	**119- CONTRIBUTION ANALYSIS TO DRIVER'S BODY VIBRATION FOR VEHICLE RIDE COMFORT** Takamiya Sosuke*, Yoshida Junji	**409- EFFECTIVE IMPEDANCE EDUCTION FOR DUCT ACOUSTIC LINER BASED ON OPERATOR NEURAL NETWORK** Zhang Zijun, Guo Jingwen*	**619- THERMAL DEFORMATION OF AN INTERSHAFT-BEARING DUAL-ROTOR SYSTEM DURING START-UP AND ITS EFFECTS ON DYNAMIC RESPONSE CHARACTERISTICS** Qu Xingyuan*, Li Chao, Wang Yongfeng, Wang Dong, Ma Yanhong, Hong Jie	**540- STUDY ON FLOW-INDUCED VIBRATION OF CORE SECONDARY SUPPORT ASSEMBLY OF REACTOR** Ye Xianhui*, Shen Pingchuan, Feng Zhipeng, Huang Xuan, Cai Fengchun
10:00-10:30	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*	*Coffee Break*
10:30-11:30	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***	***Plenary - Gianluca Memoli***
11:30-11:45	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*

		MR15	MR16	MR17	MR18	MR19	MR20	MR21	MR22	MR23	MR24	MR25A & MR25B
9.7.26 Thursday	Parallel-2 11:45-13:00	LIGHTNING TALK The Soundscape of Istanbul Speaker: Pınar Çevikayak Yelmi Moderator: Seda Kulak Dalkılıç, Simone Torresin	**T05SS02** Nonlinear acoustics and vibrations **Serge Dos Santos, Woon Siong Gan**	**T16SS04** Acoustics of hospitals and healthcare spaces **Donya Dalir, Pyoung-Jik Lee**	**T06RS03(4)** Acoustic metamaterial and phononic crystal: fundamentals & applications **Marco Caniato**	**T04SS04(2)** AI and digital methods for acoustics and innovative urban applications **Ayse Glass, Dick Botteldooren**			**T09SS04** Transportation ground-borne noise and vibration **James Talbot, Robert Arcos**	HVAC Noise and Vibration Education Malcolm Crocker	**T07RS04(2)** Rotor dynamics **Matt Allen**	**T07RS06** Optimal design, computational vibroacoustics & uncertainty quantification **Shaopu Yang**
	11:45-12:00		**3047- INVESTIGATION OF THE NONLINEAR STRUCTURAL VIBRATIONS OF A DTU 10MW JACKET WIND TURBINE UNDER THE INFLUENCE OF IRREGULAR WAVES** Namlı Barış*, Alan Ali Rıza, Bayindir Cihan	**543- BRIDGING THE GAP BETWEEN ACOUSTIC EXPERTISE AND HEALTHCARE DESIGN PRACTICE: A PARTICIPATORY WORKSHOP APPROACH** Van Wezel Cees*	**293- VIBRATION OF FUNCTIONALLY GRADED GRAPHENE ORIGAMI-ENABLED METAMATERIAL STRUCTURES** Zhao Shaoyu*, Zhang Yingyan, Yang Jie, Kitipornchai Sritawat	**539- SMART NOISE MONITORING AT AIRPORTS - MACHINE-LEARNING DETECTION AND CLASSIFICATION OF AIRCRAFT ACOUSTIC SIGNATURES** Viscardi Massimo*, Vignali Andrea, Sperlì Giancarlo, Russo Francesco, Chianese Luca, Siano Daniela			**91- STUDY ON ANNOYANCE RATE OF METRO-INDUCED GROUND-BORNE VIBRATION IN RESIDENTIAL BUILDINGS** Zhou Junzhao*, Wang Luyao, Shen Gang, Luo Yanyun		**737- DYNAMIC CHARACTERISTICS OF ECCENTRIC SFD-ROTOR SYSTEM UNDER IMPACT LOAD** Zhang Na*, Zhang Qicheng, Nie Weijian, Zhang Dayi, Zhao Zhenyao	**84- RESEARCH ON VIBRATION REDUCTION PERFORMANCE OPTIMIZATION OF VIBRATION ISOLATION DEVICES** Lu Tong*, Liu Jia, Lai Jianyong, Cai Longqi, Han Jinchang, Li Zhaowen
	12:00-12:15		**248- LARGE DEFORMATION OF AN ISOTONIC ELASTIC CAPSULE DRIVEN BY ACOUSTIC STANDING WAVES** Chen Yihan*, Qu Yegao	**478- APPLICATION OF A JAPANESE DIGITS-IN-NOISE TEST FOR FUNCTIONAL HEARING ASSESSMENT IN HOSPITAL SOUND ENVIRONMENTS** Asakura Takumi*, Takahashi Yukiko, Lee Pyoung Jik, Hampton Thomas, Kurihara Sho	**60- MULTI-MATERIAL ADDITIVE MANUFACTURING OF MEMBRANE-TYPE ACOUSTIC METAMATERIAL UNIT CELL: INFLUENCE OF MATERIAL PROPERTIES ON RESONANT BEHAVIOR** Dinçer Uğur*, Misol Malte, Monner Hans Peter	**404- LISTENING TO STRUCTURAL DEGRADATION: ACTIVE ACOUSTIC MONITORING OF CORRODED REINFORCED CONCRETE** Amini Safdar Naveed*, Zhang Xiang, Illguth Marcus, Kapteina Gesa			**171- EXPERIMENTAL STUDY ON THE VIBRATION ISOLATION MECHANISM AND INFLUENCING PARAMETERS OF FOUNDATION ELASTIC PADS FOR BUILDINGS ALONG SUBWAY LINES** Lei He*, Qine Zeng, Yubin Wu, Ruixiang Song, Dan Wu, Yanan Wu, Ming Ma		**739- DYNAMIC CHARACTERISTICS OF ECCENTRIC SQUEEZE FILM DAMPERS UNDER IMPACT LOADS** Zhang Keying*, Zhang Qicheng, Nie Weijian, Zhang Dayi, Zhao Zhenyao	**335- RELIABILITY-BASED DESIGN OPTIMIZATION OF 2D SOUND BARRIERS WITH IGA-BEM** Lin Xuhang*, Lin Xinyue, Chen Haibo
	12:15-12:30		**530- EXPERIMENTAL STUDY OF NON-COLLINEAR LAMB WAVE MIXING DUE TO MATERIAL NONLINEARITY** Ishii Yosuke*, Yamamura Masaaki, Biwa Shiro	**605- EXPLORING THE QUALITATIVE STATE DESCRIPTION VECTOR IN THE ONCOLOGY CLINIC TO MONITOR THE DATA COMING FROM THE AI MODEL: PART I - A CONCEPTUAL FRAMEWORK** Semiha Yılmazer*, Arzu Sorguç, Müge Kruşa Yemişçioğlu, Cengiz Yılmazer, Serkan Alkan, Aslı Zeynep Doğan, Emine Nur Solmaz	**479- EFFICIENT TOPOLOGY OPTIMIZATION OF MULTIMATERIAL DISTRIBUTION FOR VIBRO-ACOUSTIC COUPLING SYSTEMS** Lin Xinyue, Lin Xuhang, Chen Haibo*	**791- DEVELOPMENT AND VALIDATION OF A IOT-BASED AI-INTEGRATED ENVIRONMENTAL NOISE MONITORING TERMINAL USING MEMS MICROPHONE TECHNOLOGY** Bakirci Ekim*, Aygun Haydar, Dance Stephen, Gomez-Agustina Luiz			**675- RAILWAY GROUND BORNE VIBRATION IN TUNNELS: FIELD TESTS AND NUMERICAL SIMULATIONS** Castellini Federico*, Faccini Leonardo, Somaschini Claudio, Di Gialleonardo Egidio, Collina Andrea		**650- FULL-FILED RECONSTRUCTION OF VIBRATION RESPONSE FOR ROTATING BLADED DISK USING BLADE TIP TIMING MEASUREMENT AND KALMAN FILTER** Chen Yugang*, Ma Xinlei, Wang Kunpeng, Li Hongkun	**877- INVESTIGATION OF JOINT INTERFACE–INDUCED VIBRATION RESPONSE VARIABILITY IN FRICTIONAL TURBINE BLADES** Ferhatoğlu Erhan*
	12:30-12:45		**632- MEASUREMENT TECHNIQUE OF THE STRAIN-RATE DEPENDENT COMPRESSIVE BEHAVIOR OF SOFT MATERIALS USING HIGHLY NONLINEAR SOLITARY WAVES (HNSWS)** Guenil Kim*, Eunho Kim	**428- ASSESSMENTS OF ACOUSTIC ENVIRONMENTS IN CRITICAL CARE UNITS ACROSS MULTIPLE COUNTRIES** Lee Pyoung Jik*, Hampton Thomas, Lee Joonhee, Lima Henrique Tavares, Song Ziwei, Du Yaming, Jensen Nicolai Hagelund Vedelsparre, Jeong Cheol-Ho, Özcan Elif, Kim Yong Hee, Park Munhum	**593- INFLUENCE OF FRONT-LAYER ASSEMBLIES ON THE ACOUSTIC RESPONSE OF HELMHOLTZ RESONATORS** Kilinç Asli*, Ozankan Altay	**919- ADVANCED WIRELESS INNOVATIONS AND COLLECTED KNOWLEDGE FROM INFRASTRUCTURE PROJECTS** Müller-Lietzkow Jörg, Glass Ayse*, Rostami Zahra, Dehbi Youness			**811- NUMERICAL PREDICTION OF BUILDING CORRECTION FACTORS FOR HYBRID PREDICTIONS OF GROUND-BORNE NOISE AND VIBRATION IN BUILDINGS** Kenny Conto, James Talbot*, Pieter Reumers, Geert Degrande		**766- ENGINEERING ANALYSIS OF NON-CONCENTRIC TIP-CLEARANCE VARIATION IN AERO-ENGINE UNDER LANDING IMPACT OR UNBALANCED LOADS** Jiang Siyi*, Zhang Dayi, Zhang Qicheng, Ye Tianlei, Guan Xiaole	**848- FATIGUE RELIABILITY ANALYSIS OF REUSABLE TURBINE DISKS BASED ON ADAPTIVE KRIGING MODEL ENHANCED BY LOCAL MESH PARAMETERIZATION** Sun Yujian*, Xu Zili
	12:45-13.00	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*	*Interval*
	13:00-14:00	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***	***Closing ceremony***
	14:00-18:30	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***
10.7.26 Friday		***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***	***Technical visits / Social programs***