

Poster Sessions

Salon 8

Monday 13:40-15:20

Effects of aircraft noise on children's learning: ACRP 02-47 study design (abstract 68)

Mary Ellen Eagan, Christopher Waite, Gary Evans, and Charlotte Clark

Identification of noise sources and its counter-measures for a metro system: A case study of Brown Line in Taipei (abstract 91)

Rong-Juin Shyu, Tai-Shan Lin, Hsiu-Lan Hu, Tsung-Kuei Wang, and Pin-Jen Yen

Noise characteristics between tire and surface of porous asphalt pavement (abstract 738)

Byung-Sik Ohm, Deok-Soon An, Yong-Joo Kim, Hyeon-Jang Son

Tire-pavement noise characteristics by traffic level and vehicle speed using CADNA-A software (abstract 439)

Deok-Soon An, Byung-Sik Ohm, Soo-Ahn, Kwon, and Yong-Joo Kim

Noise reduction technologies to facilitate off-hour deliveries in urban areas (abstract 581)

Jeffrey Wojtowicz, Shama Campbell, Xiaokun Wang, Jose Holguin-Veras, Yiwei Zhou, and RobertGoevaers

The development of an 'edge-effect' suppression device for soundproof barriers (abstract 492)

Shimpei Yatsunami, Masakazu Kiyama, Yasushi Hoshino, Shogo Kimoto, Yasuhito Kawai, and Kunihiko Araki

Analysis of the noise measurement of a certain residential area in Zhuozhou affected by Beijing-Guangzhou high-speed railway (abstract 116)

Quan Li, Yan Xiang, Wang Jianghua, and Su Jing

Scale-model experiment design of simulating environment noise impacted by the steel bridge railroad (abstract 118)

Li Quan, Yan Xiang, Xiangdong Zhu, and Yiwei Sun

Monday 15:40-17:20

Design of small-size music making studio in the residential building (abstract 474)

Quan Li, Xiang Yan, Xuguang Wang, and Yang Fu

Research on sound absorbing mechanism and the preparation of new backing material for ultrasound transducers (abstract 516)

Guofeng Bai, Xiujian Zhang, Fusheng Sui, and Jun Yang

Acoustic behaviour of composites from lightweight aggregates (abstract 594)

T.V. Eequerdo, J. Carbajo, J. Ramis, A.V. Nadal-Gisbert, and F.D. Denia

Effect of perforated ceiling structure on floor impact sound (abstract 108)

Jong-Kwan Ryu and Kyoung-Ho Kim

Investigating designable factors on floor plans of apartment buildings and their correlation with floor vibration characteristics (abstract 488)

Seong-Bok Lee, Hong-Seok Yang, Young-Soo Chun, and Bum-Sik Lee

Design and construction of hemi-anechoic chamber with two-wheel drive NVH chassis dynamometer for electric vehicles (abstract 801)

Won Seon Yang, Ji Won Kim, and Sang Kyu Park

Numerical sensitivity analysis of reactive perforated muffler using factorial design method
Gabriela Cristina Candido da Silva and Maria Alzira de Araujo Nunes (abstract 835)

Tuesday 13:40-15:20

Case study on the flow induced vibration of oil unloading system in the oil and gas plants (abstract 793)

In Sun Park, Dong Min Shin, Jae Sik Park, and Sang Kyu Park

Reduction method for the piping system vibration in nuclear power plant (abstract 796)

Kuk Hyun Ryu, Hae Dong Park, Sang Kyu Park, and Woo Yeong Cho

Flaw detection in composite pipes using only input signal from a vibration-based impact test (abstract 216)

Mohan D. Rao and Gaurav A. Agnihotri

Assessing underwater sound attenuation methods during impact pile driving of steel pipe and steel shell piles with and without bubble curtain attenuation in the San Francisco Bay area (abstract 942)

Jordan L. Roberts and Paul Donavan

On-land vibration from off-shore construction and demolition (abstract 854)

Patrick Romero and Kevin Keller

Mounting condition influence on the vibration of multi-layer ceramic capacitor (abstract 486)

Byung-Han Ko, Jongbeon Pari, No-Cheol Park, Young-Pil Park, and Young-Ghyu Ahn

Nonlinear dynamic model of a pivot ball bearing in hard disk drive including the Hertzian contact force (abstract 494)

Joo Young Yoon, No-Cheol Park, Gunyeop Lim, and Kyoung-Su Park

Tuesday 15:40-17:20

Experimental verification on efficiency of noise reduction based on active noise control in driver's cab of high-speed train (abstract 703)

Hae-Young Ji, Dong-Hoe Koo, Kang-Youn Choe, and Woong-Young Lee

Simulation of acoustical noise reduction for magnetic resonance imaging by an active control headphone with piezoelectric plate and earmuff (abstract 708)

Ryosuke Osada, Kenji Muto, Kazuo Yagi, and Guoyue Chen

An analysis of the parameters of an active PZT element of a knock sensor (abstract 889)

Stanislav Klusacek, Jiri Fialka, Zdenek Havranek, and Petr Benes

Analytical model for the prediction of sound transmission through perforated sound absorber (abstract 302)

Goto Hayato, Nasu Tsunetoshi, Nishimura Sohei, and Nishimura Yuya

Application of the MUSIC transformation for evaluation of acoustic interferences occurring during laboratory measurements of electrical discharges (abstract 14)

Tomasz Boczar, Dariusz Zmarzly, and Pawel Fracz

Analysis of interferences in the acoustic measurement of partial discharges of electric power transformers (abstract 15)

Dariusz Zmarzly, Tomasz Boczar, and Pawel Fracz

Nonlinear interaction of air bubbles and ultrasonic field (abstract 9)

Christian Vanhille, and Cleofe Campos-Pozuelo

Wednesday 10:40-12:20

Health effects on apartment noise in Korea (abstract 783)

Young Min Park, Kyoung Min Kim, and Kwangkyu Kang

The association of noise sensitivity with musical aptitude and everyday use of music (abstract 258)

Marja Heinonen-Guzejev, Marina Kliuchko, Lucia Monacis, Vittoria Spinosa, Kauko Heikkila, Mari Tervaniemi, and Elvira Brattico

Evaluation of human sensitivity to building vibration (abstract 276)

Hitoshi Matsushita, Shunsuke Naganuma, Eiichi Kuroda, and Yutaka Yokoyama

Child group constitution and its relation to noise in preschools (abstract 240)

Fredrik Sjodin and Gregory Neely

Characteristics of parametric speakers using PWM amplifier (abstract 713)

Wei Quan, Chang Geer, Sahdev Kumar, and Hideo Furuhashi

An ambient noise clustering method for Japanese speech intelligibility estimation (abstract 984)

Yosuke Kobayashi and Kazuhiro Kondo