



Submission no.	Session No	Presentati on No	Session title	Date	Room	Session Start time (JST)	Session Start time (UTC)	Paper title	Authors	Affiliation
C000008	S1	S1-1	Damage Identification and Structural Health Monitoring	Sep 14 (Tue)	Room 1 (Online)	18:00	9:00	<strong>In-situ monitoring of vibrations emitted by tunnel boring machines in urban areas	Nicolas Berthoz <sup>1</sup> , *Antoine Rallu <sup>2</sup>	1.CETU, 2.LTDS/ENTPE
C000010	S1	S1-2	Damage Identification and Structural Health Monitoring	Sep 14 (Tue)	Room 1 (Online)	18:00	9:00	Damage assessment of civil structures by use of wave propagation analysis and transmissibility function	*Chun-Man Liao <sup>1</sup>	1.Bundesanstalt für Materialforschung und prüfung (BAM)
C000016	S1	S1-3	Damage Identification and Structural Health Monitoring	Sep 14 (Tue)	Room 1 (Online)	18:00	9:00	SHM campaign on 138 spans of railway viaducts by means of OMA and wireless sensors network	*Lorenzo Bernardini <sup>1</sup> , Lorenzo Benedetti <sup>1</sup> , Claudio Somaschini <sup>1</sup> , Gabriele Cazzulani <sup>1</sup> , Marco Belloli <sup>1</sup>	1.Politecnico di Milano
C000020	S1	S1-4	Damage Identification and Structural Health Monitoring	Sep 14 (Tue)	Room 1 (Online)	18:00	9:00	Effects of damage on vibration characteristics of reinforced concrete deck slabs in an existing steel girder bridge	*Sania Gohar <sup>1</sup> , Yasunao Matsumoto <sup>1</sup> , Sonam Lhamo <sup>1</sup> , Satoru Sakuma <sup>2</sup>	1.Saitama University, 2.East Nippon Expressway Company Limited
C000018	S02	S2-1	Testing Sensing and Modeling	Sep 14 (Tue)	Room 2 (Online)	18:00	9:00	<strong>Working title: Vibration measurements on a slender arch bridge for assessment of the dynamic behaviour	*Stefan Verdenius <sup>1</sup> , Okke Bronkhorst <sup>1</sup> , Chris Geurts <sup>1</sup>	1.TNO
C000019	S02	S2-2	Testing Sensing and Modeling	Sep 14 (Tue)	Room 2 (Online)	18:00	9:00	Experimental and numerical characterization of the dynamic behaviour of a historic suspension footbridge	*Elyas Bayat <sup>1</sup> , Federica Tubino <sup>1</sup>	1.University of Genoa
C000028	S02	S2-3	Testing Sensing and Modeling	Sep 14 (Tue)	Room 2 (Online)	18:00	9:00	<strong>Vision-based vibration measurement of Stay-cables by Video Motion Magnification and Dynamic Mode Decomposition	*Samten Wangchuk <sup>1</sup> , Dionysius M Siringoringo <sup>2</sup> , Yoza Fujino <sup>2</sup>	1.Yokohama National University, Department of Urban Innovation, 2.Yokohama National University, Institute of Advanced Sciences
C000077	S03	S3-1	Vibration Isolation and Control	Sep 14 (Tue)	Room 1 (Online)	19:10	10:10	<strong>An Economical Multiple-Tuned-Mass Damper to Control Floor Vibrations	Mehdi Setareh <sup>1</sup> , *Mehdi Setareh <sup>1</sup>	1.Virginia Tech
C000070	S03	S3-2	Vibration Isolation and Control	Sep 14 (Tue)	Room 1 (Online)	19:10	10:10	<strong>Experimental study of a two-degrees-of freedom pendulum controlled by a non-smooth nonlinear energy sink	Gabriel Hurel <sup>1</sup> , *Alreza Ture Savadkoobi <sup>1</sup> , Claude-Henri Lamarque <sup>1</sup>	1.Univ Lyon, ENTPE, LTDS UMR CNRS 5513
C000032	S04	S4-1	System and Model Identification	Sep 14 (Tue)	Room 2 (Online)	19:10	10:10	Identification of dynamic and structural properties of a high-rise building	*Okke Bronkhorst <sup>1</sup> , Davide Moretti <sup>1</sup> , Chris Geurts <sup>1</sup>	1.TNO
C000033	S04	S4-2	System and Model Identification	Sep 14 (Tue)	Room 2 (Online)	19:10	10:10	<strong>Probabilistic time-variant linear finite element model updating for nonlinear structural systems	Felipe Mizon <sup>1</sup> , Matias Birrell <sup>1</sup> , Jose Abell <sup>1</sup> , *Rodrigo Astroza <sup>1</sup>	1.Facultad de Ingenieria y Ciencias Aplicadas, Universidad de los Andes, Chile
C000034	S04	S4-3	System and Model Identification	Sep 14 (Tue)	Room 2 (Online)	19:10	10:10	<strong>Ambient vibration based modal analysis and cable tension estimation for a cable-stayed bridge with Bayesian approaches	*Wenjie Jiang <sup>1</sup> , Chu-Woo Kim <sup>2</sup> , Xin Zhou <sup>1</sup> , Yoshinao Go <sup>3</sup>	1.Ph.D. Student, Department of Civil & Earth Resources Engineering, Graduate School of Engineering, Kyoto University, Japan., 2.Professor, Department of Civil & Earth Resources Engineering, Graduate School of Engineering, Kyoto University, Japan., 3.Assistant Professor, Department of Civil & Earth Resources Engineering, Graduate School of Engineering, Kyoto University, Japan.

C000026	S05	S5-1	Damage Identification and Structural Health Monitoring	Sep 15 (wed)	Room 1 (Online)	18:00	9:00	<strong>Assessing Structural Health State by Monitoring Peridynamics Parameters in Operational Conditions	*GAETANO MIRAGLIA <sup>1</sup> , ERICA LENTICCHIA <sup>1</sup> , MARCO CIVERA <sup>1</sup> , ROSARIO CERAVOLO <sup>1</sup>	1.POLITECNICO DI TORINO
C000038	S05	S5-2	Damage Identification and Structural Health Monitoring	Sep 15 (wed)	Room 1 (Online)	18:00	9:00	Impact damage identification using chirped ultrasonic guided waves for health monitoring of CFRP vehicle structures	*Langxing Tan <sup>1</sup> , Fengming Yu <sup>1</sup> , Osamu Saito <sup>1</sup> , Yoji Okabe <sup>1</sup> , Taku Kondoh <sup>2</sup> , Shota Tezuka <sup>2</sup> , Akihiro Chiba <sup>2</sup>	1.The University of Tokyo, 2.Yamaha Motor Company Limited
C000044	S05	S5-3	Damage Identification and Structural Health Monitoring	Sep 15 (wed)	Room 1 (Online)	18:00	9:00	Bayesian model updating and damage detection of a simply-supported truss bridge based on dynamic responses	*Xin Zhou <sup>1</sup> , Feng-Liang Zhang <sup>2</sup> , Kai-Chun Chang <sup>1</sup> , Yoshinao Goi <sup>1</sup> , Chul-Woo Kim <sup>1</sup>	1.Kyoto University, 2.Harbin Institute of Technology
C000030	S06	S6-1	Testing Sensing and Modeling	Sep 15 (wed)	Room 2 (Online)	18:00	9:00	A fiber-optic ultrasonic visualization technique for damage detection in a 1000 °C environment	*Fengming Yu <sup>1</sup> , Osamu Saito <sup>1</sup> , Yoji Okabe <sup>1</sup> , Zixuan Li <sup>1</sup>	1.The University of Tokyo
C000037	S06	S6-2	Testing Sensing and Modeling	Sep 15 (wed)	Room 2 (Online)	18:00	9:00	Application of Regenerated Phase-shifted Fiber Bragg Grating Sensors to Acoustic Emission Detection under Elevated Temperature	*Zixuan Li <sup>1</sup> , Fengming Yu <sup>2</sup> , Osamu Saito <sup>2</sup> , Yoji Okabe <sup>2</sup>	1.School of Engineering, the University of Tokyo, 2.Institute of Industrial Science, the University of Tokyo
C000045	S06	S6-3	Testing Sensing and Modeling	Sep 15 (wed)	Room 2 (Online)	18:00	9:00	Experimental investigation of galloping susceptibility of U beams with different flange porosity	*Stanislav Hracov <sup>1</sup> , Michael Machacek <sup>1</sup>	1.Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences
C000069	S06	S6-4	Testing Sensing and Modeling	Sep 15 (wed)	Room 2 (Online)	18:00	9:00	<strong>Development of sensor unit For extraction/transmission of only peak acceleration response	*Yoshihiro Nitta <sup>1</sup> , Akira Nishitani <sup>2</sup>	1.Ashikaga University, 2.Waseda University
C000009	S07	S7-1	Vibration Isolation and Control	Sep 15 (wed)	Room 1 (Online)	19:10	10:10	<strong><strong>Hybrid simulation for seismic isolation effectiveness assessment of High Damping Rubber bearing at low temperature	*Yuqing Tan <sup>1</sup> , Ji Dang <sup>2</sup> , Akira Igarashi <sup>1</sup> , Takehiko Himeno <sup>3</sup> , Yuki Hamada <sup>3</sup> , Yoshifumi Uno <sup>4</sup>	1.Kyoto Univ., 2.Saitama Univ., 3.Kawakin Core-Tech Co., Ltd., 4.Office U-Tech
C000072	S07	S7-2	Vibration Isolation and Control	Sep 15 (wed)	Room 1 (Online)	19:10	10:10	<strong>A thermo-mechanical coupled model of hysteresis behavior of HDR bearings	*Yuqing Tan <sup>1</sup> , Ji Dang <sup>2</sup> , Akira Igarashi <sup>1</sup> , Takehiko Himeno <sup>3</sup> , Yuki Hamada <sup>3</sup>	1.Kyoto University, 2.Saitama Univ., 3.Kawakin Core-Tech Co., Ltd.
C000080	S07	S7-3	Vibration Isolation and Control	Sep 15 (wed)	Room 1 (Online)	19:10	10:10	<strong>Study on seismic response of single-tower cable-stayed bridge across faults	*Feng Jiang <sup>1</sup> , Li-peng Liu <sup>1</sup> , Feng-chao Jiang <sup>1</sup> , Jia-qj Li <sup>1</sup>	1.School of Transportation Science and Engineering,Harbin Institute of Technology
C000084	S07	S7-4	Vibration Isolation and Control	Sep 15 (wed)	Room 1 (Online)	19:10	10:10	Analysis on the Behavior of Seismic Retrofitting Steel Brace Based on Acceleration and Strain Response Measurements	*Tsuyoshi Koyama <sup>1</sup> , Jun Iyama <sup>2</sup> , Yoshihiro Fukushima <sup>2</sup> , Shota Miyazaki <sup>2</sup> , Naoto Kato <sup>2</sup>	1.Tokyo Denki University, 2.the University of Tokyo, 3.the University of Tokyo(Former)
C000050	S08	S8-1	System and Model Identification	Sep 15 (wed)	Room 2 (Online)	19:10	10:10	Tension estimation method for cable with damper and its application to real cable-stayed bridge	*Aiko Furukawa <sup>1</sup> , Katsuya Hirose <sup>1</sup> , Ryosuke Kobayashi <sup>2</sup>	1.Kyoto University, 2.Shinko Wire Company, Ltd.
C000052	S08	S8-2	System and Model Identification	Sep 15 (wed)	Room 2 (Online)	19:10	10:10	Evaluation of damping factor of buildings using seismic interferometry method	*ZHENG ZHANG <sup>1</sup>	1.Tokyo University of Science
C000055	S08	S8-3	System and Model Identification	Sep 15 (wed)	Room 2 (Online)	19:10	10:10	Structural parameter identification of a reinforced concrete frame using constrained unscented Kalman filter	*Dan Li <sup>1</sup>	1.Southeast University
C000057	S08	S8-4	System and Model Identification	Sep 15 (wed)	Room 2 (Online)	19:10	10:10	<strong>Dynamic Response Evaluation of an Existing Bridge Structure Based on Finite Element Modelling	*Muhammad Rashid <sup>1</sup> , Mayuko Nishio <sup>1</sup>	1.University of Tsukuba
C000027	S09	S9-1	Coupled Dynamical Systems (Including Human-Structure Vehicle Structure and Soil-Structure Interaction)	Sep 15 (wed)	Room 1 (Online)	21:15	12:15	Response Spectrum Method for Vehicle-Induced Bridge Vibration Serviceability Design	*Haoqi Wang <sup>1, 2</sup> , Tomonori Nagayama <sup>2</sup>	1.Tongji University, 2.The University of Tokyo
C000056	S09	S9-2	Coupled Dynamical Systems (Including Human-Structure Vehicle Structure and Soil-Structure Interaction)	Sep 15 (wed)	Room 1 (Online)	21:15	12:15	A railway vibration simulation considering contact conditions between structures and ground	*Toru Gondo <sup>1</sup> , Hidetomi Yokoyama <sup>1</sup> , Masanori noyori <sup>1</sup> , Yuta Mitsuhashi <sup>2</sup>	1.Railway Technical Research Institute, 2.KOZO KEIKAKU ENGINEERING, Inc.
C000067	S09	S9-3	Coupled Dynamical Systems (Including Human-Structure Vehicle Structure and Soil-Structure Interaction)	Sep 15 (wed)	Room 1 (Online)	21:15	12:15	Vortex Induced Vibration Analysis of a Triangle Prism at Different Velocities	*JOHNY SHAIDA SHAIK <sup>1</sup>	1.ANDHRA UNIVERSITY
C000082	S09	S9-4	Coupled Dynamical Systems (Including Human-Structure Vehicle Structure and Soil-Structure Interaction)	Sep 15 (wed)	Room 1 (Online)	21:15	12:15	Shaking table test on the influence of the weak zone on the seismic response of the tunnel background soil	*Saddy Ahmed <sup>1</sup> , Ying Cui <sup>2</sup>	1.Graduate School of Urban Innovation, Yokohama National University, Yokohama, Japan, 2.Faculty of Urban Innovation, Yokohama National University, Yokohama, Japan
C000017	S10	S10-1	Application of IoT Robot UAV Big Data and Artificial Intelligence Techniques	Sep 15 (wed)	Room 2 (Online)	21:15	12:15	Machine Learning Enhanced Nonlinear Model Parameter Selection from Loading Test	*Katrina Mae Santiago Montes <sup>1</sup> , Ji Dang <sup>1</sup>	1.Saitama University
C000023	S10	S10-2	Application of IoT Robot UAV Big Data and Artificial Intelligence Techniques	Sep 15 (wed)	Room 2 (Online)	21:15	12:15	<strong>AUTONOMOUS MULTIPLE DAMAGE DETECTION AND SEGMENTATION IN STRUCTURES USING MASK R-CNN	*SAL SAAD AL DEEN TAHER <sup>1</sup> , JI DANG <sup>1</sup>	1.SAITAMA UNIVERSITY
C000081	S10	S10-3	Application of IoT Robot UAV Big Data and Artificial Intelligence Techniques	Sep 15 (wed)	Room 2 (Online)	21:15	12:15	<strong>Nonlinear Model Classification of HDR-S Bearing under Low Temperature Using Artificial Neural Network	*Katrina Mae Santiago Montes <sup>1</sup> , Ji Dang <sup>1</sup>	1.Saitama University

C000068	S11	S11-1	Damage Identification and Structural Health Monitoring	Sep 16 (thur)	Room 1 (Online)	18:00	9:00	Vibration-based method for structural health monitoring of a bridge pier subjected to environmental loads	*Mohamed Belmokhtar <sup>1</sup> , Franziska Schmidt <sup>1</sup> , Christophe Chevalier <sup>1</sup> , Alreza Ture Savadkooh <sup>2</sup>	1.Gustave Eiffel University, 2.Univ Lyon, ENTPE
C000073	S11	S11-2	Damage Identification and Structural Health Monitoring	Sep 16 (thur)	Room 1 (Online)	18:00	9:00	Damage detection and localization using autocorrelation functions with spatiotemporal correlation	*Jyrki Kullaa <sup>1</sup>	1.Metroplia University of Applied Sciences
C000078	S11	S11-3	Damage Identification and Structural Health Monitoring	Sep 16 (thur)	Room 1 (Online)	18:00	9:00	<strong>The optimization study of apparent damage recognition algorithm of bridge underwater structure	Yeteng Wang <sup>1</sup> , *Haoyang Ding <sup>2</sup> , Changlin Song <sup>1</sup> , Yao Xiao <sup>1</sup> , Ruiyang Yuan <sup>1</sup> , Zhishui Liang <sup>1</sup>	1.School of Civil Engineering, Southeast University, Nanjing 210089, China, 2.Nanjing Foreign Language School, Nanjing 210000, China
C000071	S12	S12-1	Testing Sensing and Modeling	Sep 16 (thur)	Room 2 (Online)	18:00	9:00	<strong>Bridge Displacement Estimation Based on Measured Acceleration Response and Experimental Verification	*Mingwei Wang <sup>1</sup> , Yan Li <sup>1</sup> , Guowei Lin <sup>2</sup> , Baocheng Lu <sup>2</sup> , Changyun Ye <sup>2</sup>	1.School of Transportation Science and Engineering, Harbin Institute of Technology, 2.Jinan Urban Construction Group Co., Ltd., 3.Tianjin Transportation Committee
C000074	S12	S12-2	Testing Sensing and Modeling	Sep 16 (thur)	Room 2 (Online)	18:00	9:00	<strong>IN-SITU MEASUREMENTS FOR THE STRUCTURAL MONITORING OF CULTURAL HERITAGE: THE TRIBUNA OF ACCADEMIA GALLERY IN FLORENCE, ITALY	*Silvia Monchetti <sup>1</sup> , Michele Betti <sup>1</sup> , Giacomo Zini <sup>1</sup> , Andrea Giachetti <sup>1</sup> , Vladimir Cersano Kovacevic <sup>2</sup> , Gianni Bartoli <sup>1</sup> , Claudio Borri <sup>1</sup>	1.University of Florence, 2.Kobe Innovation Engineering
C000075	S12	S12-3	Testing Sensing and Modeling	Sep 16 (thur)	Room 2 (Online)	18:00	9:00	Structural monitoring of an aerial tramway system during operation: modeling and simulation strategy with experimental data validation	*Hugo BECU <sup>1, 2</sup> , Claude-Henri LAMARQUE <sup>1</sup> , Alreza TURE SAVADKOOHI <sup>1</sup> , Michel GILLARD <sup>2</sup> , Christophe BOTTOLLIER <sup>2</sup>	1.Universit� de Lyon, ENTPE, LTDS UMR CNRS 5513, Vaulx-en-Velin, France, 2.DCSA Ing�nieur Conseil, Meylan, France
C000076	S12	S12-4	Testing Sensing and Modeling	Sep 16 (thur)	Room 2 (Online)	18:00	9:00	<strong>Structural Modeling to Predict the Vibrations of a Footbridge Due to Pedestrian Movements	*Mehdi Setareh <sup>1</sup> , Mohammad Bukhari <sup>1</sup>	1.Virginia Tech
C000095	S12	S12-5	Testing Sensing and Modeling	Sep 16 (thur)	Room 2 (Online)	18:00	9:00	VIBRATION SERVICEABILITY OF TWO-STORY OFFICE BUILDING: A FINITE ELEMENT MODELING	*Fadi Al-Badour <sup>1, 2</sup>	1.Mechanical Engineering Department, King Fahd University of Petroleum and Minerals, Dhahran 31261 Saudi Arabia, 2.Interdisciplinary Research Center for Advanced Materials, King Fahd University of Petroleum and Minerals, Dhahran 31261, Saudi Arabia
C000065	S13	S13-1	Special Session 2: Damage Free and Resilience for Seismic Disaster	Sep 16 (thur)	Room 1 (Online)	19:10	10:10	Rheological model and parameter identification of a kinetic sand used as a smart damping material	*Jacek Mateusz Bajkowski <sup>1</sup> , Bartomiej Dyniewicz <sup>2</sup> , Czesław Bajer <sup>2</sup> , Jerzy Bajkowski <sup>3</sup>	1.Warsaw University of Technology, Faculty of Production Engineering, 2.Polish Academy of Sciences, Institute of Fundamental Technological Research, 3.Polish Air Force University
C000085	S13	S13-2	Special Session 2: Damage Free and Resilience for Seismic Disaster	Sep 16 (thur)	Room 1 (Online)	19:10	10:10	Experimental and numerical evaluation of longitudinal vehicular forces on bridges of Indian railways	*Swapnil Chaurasia <sup>1</sup> , Di Su <sup>1</sup>	1.The University of Tokyo
C000087	S13	S13-3	Special Session 2: Damage Free and Resilience for Seismic Disaster	Sep 16 (thur)	Room 1 (Online)	19:10	10:10	Monitoring-based MBS-FEM analysis scheme for wind-vehicle-bridge interaction system and experimental validation	*Qi HU <sup>1</sup> , Di SU <sup>1</sup>	1.The University of Tokyo
C000066	S14	S14-1	System and Model Identification	Sep 16 (thur)	Room 2 (Online)	19:10	10:10	A New Attempt at Estimating Natural Vibration and Bending Deformation Characteristics of Super High-Rise Buildings Using Wave Interferometry	*Xin Wang <sup>1</sup> , Tetsushi Watanabe <sup>3</sup> , Masayuki Nagano <sup>2</sup>	1.Ashikaga University, 2.Tokyo University of Science, 3.Taisei Corporation
C000097	S14	S14-2	System and Model Identification	Sep 16 (thur)	Room 2 (Online)	19:10	10:10	<strong>Structural damage identification using spectral finite element modeling for extended Timoshenko beams	Krishna Modak <sup>1</sup> , *Jothi Saravanan Thyagarajan <sup>1</sup> , Shanthanu Rajasekharan <sup>2</sup>	1.Indian Institute of Technology Bhubaneswar, Odisha, India, 2.Aster Co., Ltd., Tokyo, Japan
C000099	S14	S14-3	System and Model Identification	Sep 16 (thur)	Room 2 (Online)	19:10	10:10	Experimental study on identification of structural changes using wavelet energy features	Xiaobang Zhang <sup>1</sup> , *Yong Lu <sup>1</sup> , Zach Wynne <sup>1</sup> , Thomas Reynolds <sup>1</sup>	1.University of Edinburgh
C000088	S16	S16-1	Application of IoT Robot UAV Big Data and Artificial Intelligence Techniques	Sep 16 (thur)	Room 2 (Online)	21:15	12:15	AUTOMATIC TOP-VIEW TRANSFORMATION AND IMAGE STITCHING OF IN-VEHICLE SMARTPHONE CAMERA FOR ROAD CRACK EVALUATION	*Jose Maria Guyamin Geda <sup>1</sup> , Kai Xue <sup>1, 2</sup> , Tomonori Nagayama <sup>3</sup>	1.The University of Tokyo, 2.SmartCity Research Institute
C000098	S16	S16-2	Application of IoT Robot UAV Big Data and Artificial Intelligence Techniques	Sep 16 (thur)	Room 2 (Online)	21:15	12:15	Assessment of Damage in Composite Beams with Wavelet Packet Node Energy Features and Machine Learning	Yu Gu <sup>1</sup> , *Yong Lu <sup>1</sup>	1.University of Edinburgh
C000012	S18	S18-1	Special Session 1: Drive-By Technology	Sep 17 (fri)	Room 2 (Online)	18:00	9:00	Drive-by detection of midspan cracking and changing boundary conditions in bridges	*Robert Corbally <sup>1</sup> , Abdollah Malekjafarian <sup>1</sup>	1.Structural Dynamics & Assessment Laboratory, School of Civil Engineering, University College Dublin
C000035	S18	S18-2	Special Session 1: Drive-By Technology	Sep 17 (fri)	Room 2 (Online)	18:00	9:00	Load carrying capacity and vibration characteristics of PC box girders with damage	*Kohei Takemura <sup>1</sup> , Chul-Woo Kim <sup>1</sup> , Gen Hayashi <sup>2</sup> , Eiji Yoshida <sup>3</sup>	1.Department of Civil and Earth Resources Engineering, Graduate School of Engineering, Kyoto University, Japan, 2.Department of Civil Engineering, Graduate School of Engineering, Osaka City University, Japan, 3.Public Works Research Institute, Japan
C000036	S18	S18-3	Special Session 1: Drive-By Technology	Sep 17 (fri)	Room 2 (Online)	18:00	9:00	The validation of sensor on-vehicle for evaluation of actual bridges with signal processing	*Yuta Takahashi <sup>1</sup> , Naoki Kaneko <sup>2</sup> , Ryouta Shin <sup>1</sup> , Kyousuke Yamamoto <sup>2</sup>	1.Yachiyo Engineering Co., Ltd., 2.College of Engineering Systems, University of Tsukuba., 3.Masters Program in Service Engineering, University of Tsukuba., 4.Faculty of Engineering, Information and Systems, University of Tsukuba.
C000042	S18	S18-4	Special Session 1: Drive-By Technology	Sep 17 (fri)	Room 2 (Online)	18:00	9:00	Inverse analysis for road roughness profile identification utilizing acceleration of a moving vehicle	*Soichiro Hasegawa <sup>1</sup> , Chul-Woo Kim <sup>1</sup> , Naoya Toshi <sup>1</sup> , Kai-Chun Chang <sup>1</sup>	1.Kyoto University