

Session Table in EASTS 2015 at Cebu, Philippines

| R1 | | R2 | | R3 | | R4 | | R5 | | R6 | | R7 | | R8 | | R9 | | R10 | | R11 | | Poster |
|-------------------------|---|---|---|--|---|--|---|---|--|---|--|----|--|----|--|----|--|-----|--|-----|--|--------------------|
| 9/11(Fri.) 1315-1430 | (1) Pavements and Road Maintenance (1) | (13) Driving Behavior (1) | (25) Travel Behavior Analysis (1) | (37) Pedestrian and Bicycle (1) | (49) Freight Transportation and Logistics (1) | (61) Travel Behavior Analysis (2) | (73) Intelligent Transportation Systems (2) | (85) Air and Water Transportation Policy (1) | (96) Travel Behavior Analysis (4) | | | | | | | | | | | | | I (1415-1515) |
| 9/11(Fri.) 1445-1600 | (2) Pavements and Road Maintenance (2) | (14) Driving Behavior (2) | (26) Travel Demand Modeling (1) | (38) Pedestrian and Bicycle (2) | (50) Freight Transportation and Logistics (2) | (62) Travel Demand Modeling (3) | (74) Survey and Data Collection (1) | (86) Air and Water Transportation Policy (2) | (97) Public Transport in Asia (1) | (107) Urban and Regional Planning (1) | | | | | | | | | | | | |
| 9/11(Fri.) 1615-1730 | (3) Pavements and Road Maintenance (3) | (15) Intelligent Transportation Systems (1) | (27) Travel Demand Modeling (2) | (39) Pedestrian and Bicycle (3) | (51) Freight Transportation and Logistics (3) | (63) Travel Behavior Analysis (3) | (75) Capacity and Traffic Flow Analysis (1) | (87) Transportation Planning and Policy in Asia (1) | (98) Public Transport in Asia (2) | (108) (IRG-18 -2012)Strategies for a Sustainable Transportation Path for Small- and Medium-sized Cities in East Asia - | | | | | | | | | | | | |
| R1 | | R2 | | R3 | | R4 | | R5 | | R6 | | R7 | | R8 | | R9 | | R10 | | R11 | | Poster |
| 9/12(Sat.) 0900-1015 | (4) Pavements and Road Maintenance (4) | (16) Accident and Safety (1) | (28) Travel Behavior Analysis (5) | (40) Urban and Regional Planning (2) | (52) Freight Transportation and Logistics (4) | (64) Travel Behavior Analysis (6) | (76) Driving Behavior (3) | (88) Transportation Project Evaluation (1) | (99) Bus Operation and Planning (1) | (109) (IRG-22-2013)Integrated sign systems for non-motorized transport and transit users - | | | | | | | | | | | | II (1000-1100) |
| 9/12(Sat.) 1030-1145 | (5) Pavements and Road Maintenance (5) | (17) Accident and Safety (2) | (29) Transportation Planning and Policy in Asia (2) | (41) Urban and Regional Planning (3) | (53) Freight Transportation and Logistics (5) | (65) Transportation Planning and Policy in Asia (3) | (77) Urban and Regional Planning (4) | (89) Transportation Planning and Policy in Asia (4) | (100) Bus Operation and Planning (2) | (110) (IRG-15-2009) Sustainable Transport Futures for Cities in Asia and the Pacific: Trends and Prospects of Indigenous Transport in Climate Change Adaptation - | | | | | | | | | | | | |
| (Lunch) | | | | | | | | | | | | | | | | | | | | | | |
| 9/12(Sat.) 1315-1430 | (6) Pavements and Road Maintenance (6) | (18) Accident and Safety (3) | (30) Capacity and Traffic Flow Analysis (2) | (42) Pedestrian and Bicycle (4) | (54) Freight Transportation and Logistics (6) | (66) Travel Behavior Analysis (7) | (78) Public Transport in Asia (6) | (90) Energy and Environment (1) | (101) Transportation Planning and Policy in Asia (5) | (111) Public Transport in Asia (8) | (117) SS1: High Speed Railway & Regional Economic Development | | | | | | | | | | | III (1415-1515) |
| 9/12(Sat.) 1445-1600 | (7) Pavements and Road Maintenance (7) | (19) Accident and Safety (4) | (31) Traffic Simulation | (43) Public Transport in Asia (4) | (55) Air and Water Transportation Policy (3) | (67) Public Transport in Asia (5) | (79) Survey and Data Collection (2) | (91) Energy and Environment (2) | (102) Transportation Planning and Policy in Asia (6) | (112) Transportation Planning and Policy in Asia (7) | (118) SS2: Institutions for Railway Development in Asian Cities: Prospects for PPP | | | | | | | | | | | |
| 9/12(Sat.) 1615-1730 | (8) Traffic Management and Control (1) | (20) Accident and Safety (5) | (32) Public Transport in Asia (3) | (44) Pedestrian and Bicycle (5) | (56) Air and Water Transportation Policy (4) | (68) Urban and Regional Planning (5) | (80) Survey and Data Collection (3) | | (103) Public Transport in Asia (7) | (113) (IRG-24-2013)Viability of Public Transport Hamonizing System with Para-Transit Modes - | | | | | | | | | | | | |
| R1 | | R2 | | R3 | | R4 | | R5 | | R6 | | R7 | | R8 | | R9 | | R10 | | R11 | | Poster |
| 9/13(Sun.) 0900-1015 | (9) Traffic Management and Control (2) | (21) Driving Behavior (4) | (33) Driving Behavior (6) | (45) Transportation Project Evaluation (2) | (57) Freight Transportation and Logistics (7) | (69) Transportation Planning and Policy in Asia (8) | (81) Travel Behavior Analysis (8) | (92) Energy and Environment (4) | (104) Public Transport in Asia (9) | (114) Freight Transportation and Logistics (8) | | | | | | | | | | | | IV (1000-1100) |
| 9/13(Sun.) 1030-1145 | (10) Capacity and Traffic Flow Analysis (3) | (22) Driving Behavior (5) | (34) Capacity and Traffic Flow Analysis (4) | (46) Pricing | (58) Robust and Resilient Transportation (1) | (70) Energy and Environment (3) | (82) Transportation Project Evaluation (3) | (93) Tourism | (105) Terminal Planning | (115) (IRG-17-2011) Logistics in Asia: Interdependent Supply Chain and Advancement of Intelligent Management - | | | | | | | | | | | | |
| (Lunch) | | | | | | | | | | | | | | | | | | | | | | |
| 9/13(Sun.) 1315-1430 | (11) Capacity and Traffic Flow Analysis (5) | (23) Capacity and Traffic Flow Analysis (6) | (35) Capacity and Traffic Flow Analysis (7) | (47) Transportation Planning and Policy in Asia (10) | (59) Robust and Resilient Transportation (2) | (71) Transportation Planning and Policy in Asia (11) | (83) Historical Studies and International Cooperation (1) | (94) Accident and Safety (7) | (106) Public Transport in Asia (10) | (116) WCTR & EASTS Joint Special Session: Disaster Resilience in Transport | (119) SS3: Building Sustainable Urban Logistics System in East Asia | | | | | | | | | | | |
| 9/13(Sun.) 1445-1600 | (12) Traffic Management and Control (3) | (24) Accident and Safety (6) | (36) Transportation Planning and Policy in Asia (9) | (48) Parking Policy | (60) Robust and Resilient Transportation (3) | (72) Travel Demand Modeling (4) | (84) Historical Studies and International Cooperation (2) | (95) Accident and Safety (8) | | | | | | | | | | | | | | |

Oral presentations

| Session No. / Topic | Room | Date |
|--|--|---|
| Paper No. | Presenter | Authors |
| (1) Pavements and Road Maintenance (1) | R1 | 9/11(Fri.) 1315-1430 |
| PP1124 | Laboratory Evaluation of Clogging Behavior of Pervious Concrete Pavements | Tien Fang Fwa, Ph.D.; Emiko Lim Kiang H. Tar |
| PP1151 | The Effect of Material Variation to Pavement Performance | Ming-Lou Liu |
| Chair PP1548 | Comparison of Overlay Design Analysis Using Mechanistic and Mechanistic Empirical Methods. Case Study: North Java Corridor (Sewo-Pamanuka | Bambang Sugeng SUBAGIO, Ph.D Faisal Gerardo; Indrayati Subagi |
| (2) Pavements and Road Maintenance (2) | R1 | 9/11(Fri.) 1445-1600 |
| PP1271 | Predicting Bonding Condition Between Asphalt Pavement Layers fro Measured and Computed Deflection using Layer Moduli Backcalculati | Eri Susanto Hariyadi |
| PP1372 | Evaluation of Strontium Aluminate in Traffic Paint Pavement Markings f Rural and Unilluminated Road | Riches Bacero |
| Chair PP1187 | Preliminary Assessment of the Newly Developed Mobile Accelerate Pavement Testing | Ludfi Djakfar |
| (3) Pavements and Road Maintenance (3) | R1 | 9/11(Fri.) 1615-1730 |
| PP1529 | Effects of Loading Sequence and Loading Amplitude on the Fatigue Dama of Asphalt Mixture | Chuanhao ZHENG |
| PP1204 | Estimating Road Roughness Conditions Using Ubiquitous Smartphones a Geographic Information Systems and its Application to Road Network Planning in the Philippine: | Joel F. Cruz |
| Chair PP1231 | Performance Evaluation of Asphalt Pavements Mixed with Steel Slag | Jian-Shiuh Chen |
| (4) Pavements and Road Maintenance (4) | R1 | 9/12(Sat.) 0900-1015 |
| PP1226 | Evaluation of Porous Pavement Structure with Different Porosities and Sub layer Conditions | Mehrtash Soltani |
| PP1374 | Performance of Warm Mix Asphalt Concrete Binder Course (AC-BC) Wi Reclaimed Asphalt Pavemen | Bambang Sugeng Subagio |
| Chair PP1122 | Use of Multiple Stress Creep Recovery Test to Evaluate the Rheologic Properties of Malaysian Short-Term Aged Asphalt Binde | Noor Halizah Abdullah |
| (5) Pavements and Road Maintenance (5) | R1 | 9/12(Sat.) 1030-1145 |
| PP1405 | State of Pavement Engineering in the Philippines and Implications on tl Economic Life of National Road | Jose Regin Regidor |
| PP1198 | Development of Asphalt Pavement Temperature Profile Model for Tropic Climate Conditions in the Eastern Bali Region, Indonesi | Bambang Sugeng Subagio |
| Chair PP1136 | Evaluating Hydroplaning Potential of Rutted Highway Pavements | Tien Fang Fwa, Ph.D.; Longji Chu; Ghim P. Ong |
| (6) Pavements and Road Maintenance (6) | R1 | 9/12(Sat.) 1315-1430 |
| PP1327 | Pavement Distress Evaluation Using Pavement Condition Index around Ago Market, Barangay Lapasan, Cagayan de Oro Ci | Risa Gwen J. Martinez |
| PP1266 | Design and Development of Passenger Terminal Extension of Cla International Airpor | Mapua Institute of Technology |
| Chair PP1354 | Numerical Approach of Defining Temperature Gradient in Runway Paveme Layers | Ervina Ahyudanari |
| (7) Pavements and Road Maintenance (7) | R1 | 9/12(Sat.) 1445-1600 |
| PP1493 | Road Construction and Maintenance Works in Nepal. | Sharad Shrestha |
| PP1579 | Piloting a Community-Based Routine Maintenance Contract for Provincial Roads in Guimaras, Philippines | Nelson Doroy |
| Chair PP1163 | Optimal Patrol Planning Using STEN for Road Maintenance | Satoshi Sugiura |
| (8) Traffic Management and Control (1) | R1 | 9/12(Sat.) 1615-1730 |
| PP1475 | An Analysis of Partially Signalized Roundabout using SIDRA6 Software | Hong Ki An |
| PP1309 | Evaluating the Effect of Semi-actuated Signal System in Korean Natio Roadways: Based on a Pilot Projec | Jaeyeong LEE |
| Chair PP1150 | Benefits of Coordinated Actuated Traffic Signal Control: A Before-and-Af Case Study | Brian Park |
| (9) Traffic Management and Control (2) | R1 | 9/13(Sun.) 0900-1015 |
| PP1129 | System Partition of Urban Arterials Based on Bandwidth Maximization | Xiaojun TANG |
| PP1560 | Traffic Studies Through Academe-Local Government Unit (LGU) Partnership | METODIA M. TRINIDAD |
| Chair PP1364 | Traffic Management during Ngaben Funeral Ceremony at Hasanuddin and Thamrin Streets, Denpasar City-Bali | Achmad Wicaksono |
| (10) Capacity and Traffic Flow Analysis (3) | R1 | 9/13(Sun.) 1030-1145 |
| PP1577 | Analysis of Travel Time Reliability Using Probe Car Data on the Tokyo Metropolitan Area | Takashi ISHIDA |
| PP1546 | The Potential of the Pre-signals in Improving Traffic Conditions | Sandy Mae Gaspay |
| PP1460 | Study of Flow Characteristics and Traffic Stream Modelling on Indian Expressway: A Case Study of Mahatma Gandhi Expressway | Gaurang |
| (11) Capacity and Traffic Flow Analysis (5) | R1 | 9/13(Sun.) 1315-1430 |
| PP1238 | Speed and Time Headway Distribution under Mixed Traffic Condition | Akhilesh Kumar maurya |
| PP1280 | PROPOSED DIVERSION ROAD TO IMPROVE TRAFFIC MOVEMENT1 OF COMMERCIALY DEVELOPED AREAS IN BACCOOR CAVITI | Geoffrey Cueto |
| Chair PP1525 | Observed Vehicle Operating Speed and Acceleration Characteristics on Four-lane Rural Highway Curves | Jaisung CHOI |

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| (12) Traffic Management and Control (3) | | R1 | 9/13(Sun.) 1445-1600 |
| PP1584 | Contractual Control in Construction of Highway and Roads | Sharad Bajracharya | Sharad Bajracharya |
| PP1159 | Exploring the Satisfaction and Importance Influenced by Quali Characteristics for a New Toll System Using Comprehensive Analys | Ja-zen Kau | Chun-Zin Yang; Ja-Zen Kau; Tin Yi Lee |
| Chair PP1294 | Web-based versus Paper-based Survey Data: An Estimation of Road Use Value of Travel Time Saving: | Hironori Kato | Hironori Kato; Ayanori Sakashita; Takayoshi Tsuchiy; |
| (13) Driving Behavior (1) | | R2 | 9/11(Fri.) 1315-1430 |
| PP1400 | Psychological Factors Influencing Drivers and Riders Speeding Intentions | Phongphan Tankasem | Phongphan Tankasem, M.D. Thaned SATIENNAM; Wichuda SATIENNAM |
| PP1513 | Factors Influencing Red Light Running Behavior: A Study of Socio-economic Characteristics and Geometry of Intersections | Auearree Jensupakarn | Auearree Jensupakarn, M.D. Kunnawee Kanitpong; Piyapong Jiwattanakulpaisari |
| Chair PP1128 | The Effect of Accident History and Socio-Economic Groups on Indonesi Motorcycle Rider Behaviou | Leksmono Suryo Putranto | Leksmono Suryo Putranto; Rostian Rostiana |
| (14) Driving Behavior (2) | | R2 | 9/11(Fri.) 1445-1600 |
| PP1537 | Automobile Manufacturers, Advertising and Traffic Safety: Case Study From Dinesh Mohan | | Dinesh Mohan, Ph.D.; Abhaya Jha Choy Peng Ng, M.S. Highway an Transportation Engineering; Teik Hua Law; Shaw Voon Wong; Kulanthavan Subramaniam |
| PP1167 | The Rear Seatbelt-Wearing Behavior in Malaysia | Choy Peng Ng | |
| Chair PP1253 | Driver's Decision Models for Drinking and Driving Behavior | Tu Anh Trinh | Tu Anh Trinh; Thi Thuy An Vo |
| (15) Intelligent Transportation Systems (1) | | R2 | 9/11(Fri.) 1615-1730 |
| PP1353 | Acceptability of ISA Based on a Field Experiment and a SP Survey: Analyses from a Standpoint of Traffic Calming | Kojiro Matsuo | Kojiro Matsuo, Dr. Eng.; Yasuhiro Mimura; Motohiro Yamazaki; Komei Kanno; Mitsuru Sugihara; Yasuhiro Hirobat; |
| PP1515 | Event Detection Using Adaptive Neuro Fuzzy Inference System for a Publ Transport Vehicle | Cristina Dadula | Cristina Dadula; Elmer Dadios |
| Chair PP1514 | Innovative Collection of Road and Traffic Data for Road Safety Audit | Aileen Mappala | Aileen MAPPALA; Ricardo |
| (16) Accident and Safety (1) | | R2 | 9/12(Sat.) 0900-1015 |
| PP1300 | Speed Characteristics of Vehicles on Highway Work Zones in the Presence of Rumble Strips | Geetam Tiwari | Sumeet Gupta, M. Tech (Transportation Engg.), B.E. (Civil); Geetam Tiwari |
| PP1417 | Long-term Effectiveness of Sinusoidal Hum - Focusing on the Acceptabilit of Local Residents | Masaki Kamada | Masaki Kamada; Aya Kojima; Nguyen Hoang-Tung; Hisast Albie F. CLARITO; Beverly Ma; RAMOS; Ricardo SIGUA |
| Chair PP1360 | Study on Safety of Railway/Highway Grade Crossings in the Philippines | Ricardo Sigua | |
| (17) Accident and Safety (2) | | R2 | 9/12(Sat.) 1030-1145 |
| PP1344 | An Analysis of Pedestrian Traffic Safety in Public School Zones in Cagayan Oro City | Jefferson R. Vallente Jr. | Jefferson Jr. Ramos Vallente, B.Sc. Ferven Cabugao; Anabel Abuz |
| PP1391 | Motorcycle Accident-Prone Types at Intersections and Innovativ Improvement Design Guideline | Tien-Pen Hsu | Tien-Pen Hsu; Ku-Lin Wen |
| Chair PP1578 | Preparedness and Action towards a Safer Road Transport and Travel System Nepal | Indra P TIWARI, PhD | Indra P TIWARI, PhD |
| (18) Accident and Safety (3) | | R2 | 9/12(Sat.) 1315-1430 |
| PP1126 | Traffic Accident Analysis of Sun Glare and Twilight Shortly Before and af Sunset in Chiba Prefecture, Japa | Kenji HAGITA | Kenji HAGITA; Kenji Mori |
| PP1423 | Factors Affecting the Severity of Motorcycles Accidents and Casualties Thailand by Using Probit and Logit Mode | Santosh Baral | Santosh Baral, Master; Kunnawee Kanitpong |
| Chair PP1526 | Fuzzy Logic-Based Multi-hop Routing for Vehicular Ad-Hoc Networks | Joel C. Delos Angeles | Joel Cruz Delos Angeles, B.S. |
| (19) Accident and Safety (4) | | R2 | 9/12(Sat.) 1445-1600 |
| PP1523 | Accident Hotspot Mapping in Quezon City: The case of Katipunan Avenue | Jerome Ballarta | Jerome Nalian Ballarta; Nelson Doroy; Ishtar Padoa; Ceci Thillaiampalam SIVAKUMAR |
| Chair PP1586 | Development of Traffic Accident Prediction Models using Traffic and Road Characteristics: A Case Study from Sri Lanka | Sivakumar. T | D.Eng, M.Eng, BSc in Eng.; Dinusha Amarathung; |
| (20) Accident and Safety (5) | | R2 | 9/12(Sat.) 1615-1730 |
| PP1258 | Analysis of Factors Affecting the Severity of Motorcycle Casualties in Phn Penh Using Bayesian Approac | Kunnawee Kanitpong | KUNNAWEE KANITPONG; Sar Ath Sarm |
| PP1227 | Occupant risk analysis for guardrail roadside safety barrier systems: Analy and Evaluation of full scale crash test | Mehrtash Soltani | Mehrtash Soltani; Mohamed Rehar Karim; N. H. Ramli Sulon; |
| PP1273 | Study on the Availability of "Twitter" Data for Forecasting Suspension Time of Railway Operation | Makoto FUJII | Makoto Fujiu; Kazuyuki Takada Jyunichi Takayama; Shoichiro Nakayama; |
| Chair PP1430 | The Applications of Generalized Poisson Distribution in Accident Da Analysis | Aine Kusumawati | Aine Kusumawati, Ph.D.; Yiil Diew Wong |
| (21) Driving Behavior (4) | | R2 | 9/13(Sun.) 0900-1015 |
| PP1415 | Yielding behavior of left turning driver towards pedestrian/cyclist: Impact intersection angle | Hasina Iasmin | Iasmin Hasina; Aya Kojima Hisashi Kubot; |
| PP1509 | Safety Analysis of Hard Shoulder Running with Empirical Bayes Method and Time-to-Collision. | Jaisung CHOI | Wantaeg KWON; Jaisung CHOI Ph.D.; Sungkyu KIM; Dongchan MIN; Sangkyu KIM; Sangyoui |
| Chair PP1191 | Analysing Self-Reported Risky Behaviours of Motorcyclists in Bali usi Structural Equation Modelling | D.M Priyantha Wedagama | Priyantha Wedagama |
| (22) Driving Behavior (5) | | R2 | 9/13(Sun.) 1030-1145 |
| PP1330 | Analysis of Motorcyclist Driving Behavior in Bandung City | Harun A Lubis | Harun al-Rasyid Lubis, Ph.D. Van Truong NGUYEN; Tetsuc SHIMIZU; Xuan Cay BU! |
| PP1338 | Develop Models for Traffic Conflict Assessment at Bus Stop Area in 3-La Urban Streets in Heterogeneous Traffi | Van Truong NGUYEN | |
| Chair PP1205 | An Evaluation of Flyover-Improved Intersections: A Case Study of Airp Intersection | Narabodee Salatoom | AUTTAKORN - SALA, Ph.D Student; Pichai Taneerananoi |
| (23) Capacity and Traffic Flow Analysis (6) | | R2 | 9/13(Sun.) 1315-1430 |
| PP1252 | An Investigation on the Sound Power Level of Vehicles in Makassar City | Muralia HUSTIM | Muralia Hustim, Dr. Eng. Muhammad Isran Ramli; Sumarn Mitsuru Tanaka, P.E., PTOE |
| PP1261 | Evaluation of Car-Following Input Variables and Development of Thre Vehicle Car-Following Models with Artificial Neural Networl | Mitsuru Tanaka | Nobuhiro Unc |
| Chair PP1457 | Analysis on Safety Check Behaviors and Vehicle Movements at Roundabou in Japan | Koji SUZUKI | Koji SUZUKI; Soichiro YASUDA Kiyooki MORIMOTC |

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| (24) Accident and Safety (6) | | R2 | 9/13(Sun.) 1445-1600 |
| PP1540 | Driver Demographic Construct as a Moderator in Modelling Human Risk Factors on Intercity Bus Driver's Behavior | Chien-Hung Wei | Yu-Chin CHEN; Chien-Hung Wei Li-Yuan LIANG |
| PP1455 | Introduction of Urban Traffic Information System (UTIS) in Korea | Hyunkyung LEE | Cheolsun KIM; Hyunkyung LEE Hyo-Chul SHIN; Dongik H/ |
| Chair PP1237 | The Influence Factors Effect on the Insurance Behavior in the Container Terminal Operation Context | Chaur-Luh, TSAI | Chaur-Luh TSAI, Ph.D.; Ron-Hw GOA |
| (25) Travel Behavior Analysis (1) | | R3 | 9/11(Fri.) 1315-1430 |
| PP1427 | Mending a Metropolis - Understanding Passenger Demand Across Metropolitan Manila To Improve Road Transit | Mr Nic Greaves | Nicholas Greaves, BA; D Cresencio Montalbo Jr |
| PP1133 | A Heuristic Solution Algorithm for the Combined Model of the Four Travel Choices with Variable Demand | Huey-Kuo | Huey-Kuo Chen, Ph.D. |
| Chair PP1188 | Inter-Island Travel Mode Choice Analysis: Western Visayas Region Philippines | Nicanor Roxas Jr. | Alexis Morales Fillone, Ph.D. Nicanor Jr. Roxas |
| (26) Travel Demand Modeling (1) | | R3 | 9/11(Fri.) 1445-1600 |
| PP1116 | Network Centrality Assessment (NCA) as an alternative approach to predict vehicular traffic volume: A case of Colombo, Sri Lanka | Amila Jayasinghe | Amila Buddhika Jayasinghe M.Plan; Kazushi Sano; Hiroaki Chung-Yung Wang, Ph.D.; Shou Ren HU; Chih-Peng CHU; Ya-Tin JHUANG |
| PP1156 | A Bilevel Optimization Model for the Network Signal Timing Design Problem with Traveler Trip-chain Route Choice Behavior Consideration | Chung-Yung Wang | |
| Chair PP1576 | Revisiting Volume-Delay-Functions Used in Transport Studies in Metro | Jiaan Regis Go Gesalem | Jiaan Regis Go Gesalem; Alexis |
| (27) Travel Demand Modeling (2) | | R3 | 9/11(Fri.) 1615-1730 |
| PP1495 | A Network Model for Rehabilitation Plan of A Road Network Considering Uncertainties of Deterioration and Travel Time | Kenetsu Uchida | Haruko Nakao; Kenetsu Uchida |
| PP1177 | Study on Evaluation of Convenience of Access to the Nearest Railway Station by Residents in Housing Development Areas in the Suburbs of Kobe City in Japan - Using Utility-Based Accessibility Measure | Kazuki Terayama | Kazuki Terayama; Michiyasu Odani; Kohei Iwasaki |
| Chair PP1355 | A Location-routing Decision Model for First-aid Restoration of a Damaged Road Network | Ryo ITABASHI | Ryo ITABASHI; Katsuya SAKAI Takahiko KUSAKABE; Yasuo ASAKURA |
| (28) Travel Behavior Analysis (5) | | R3 | 9/12(Sat.) 0900-1015 |
| PP1570 | Characterizing Bus Passenger Demand along Epifanio de los Santos Avenue (EDSA), Metro Manila | Sean Ting | Sean Johnlee Quema Ting; Kevin Joshua Lucas; Alexis Fillon Yuki Tsuboi; Ryo Kanamori |
| PP1346 | Analysis of Parking Lot Choice Behaviors by Utilizing Accounting Data | Yuki Tsuboi | Toshiyuki Yamamoto; Takayuki Morikawa |
| Chair PP1234 | A New Perspective of Traffic Assignment: A Game Theoretical Approach | Genaro Peque, Jr. | Genaro Jr Peque; Toshihiko Miyagi; Fumitaka Kurauchi |
| (29) Transportation Planning and Policy in Asia (2) | | R3 | 9/12(Sat.) 1030-1145 |
| PP1394 | IMPACT ANALYSIS OF TOLL POLICY FOR EXPRESSWAY TRAVEL WITH VARIABLE TRAFFIC DEMAND FOR LOCAL CITY WITH INTEGRATED USER EQUILIBRIUM ASSIGNMENT MODEL | Hiroki HORI | Hiroki HORI; Masashi OKUSHIMA |
| PP1287 | Validating An improved model for Feeder Bus network design using Genetic Algorithm (GA) and Particle swarm optimization (PSO) | Mohammad Hadi Almasi | Mohammad Hadi Almasi; Sin Mirzapour Mounes; Mohamed Rehan Karim |
| Chair PP1282 | Optimized Bus Schedules in Epifanio Delos Santos Avenue (EDSA), Metro Manila Using Fuzzy Rule-Based System | Ramon Christopher Intal | Alexis Morales Fillone, Ph.D. Elmer Dadios; Ramon Christopher |
| (30) Capacity and Traffic Flow Analysis (2) | | R3 | 9/12(Sat.) 1315-1430 |
| PP1259 | Analysis of Shock Waves and Speed Peak Propagations in Car-Following Conditions from Start to Stop within Short Distance | Mitsuru Tanaka | Mitsuru Tanaka, P.E., PTOE |
| PP1332 | A Traffic Congestion Study of Non-signalized Intersections along Yacap Capt. Vicente Roa, Yacapin-Osmena, J.R. Borja-Capt. Vicente Roa and J.R. Borja-Osmeña Streets in Cagayan de Oro City | Jude Albert U. Añana | Jude Albert Uy Añana; Kevin Calma; Carlo Flores; Dennis Tantoy; Anabel Abuz |
| Chair PP1240 | A new concept to evaluate road traffic capacity based on number of passengers in vehicle: Case application of Tokyo Metropolitan Expressway | Hiroaki NISHIUCHI | Hiroaki NISHIUCHI; Yasuhiro Shiomi; Hiroshi Warita |
| (31) Traffic Simulation | | R3 | 9/12(Sat.) 1445-1600 |
| PP1315 | Evaluation of BRTS Corridor in India Using Microscopic Simulation: A Case Study in Surat City | Ahriniwas Arkatkar | Shriniwas Shrikant Arkatkar, PhD Akhilesh Chepuri; Rakesh Kulakarni; Manraj Singh Bains Anshuman Sharma; Manoranjan Parida, Ph.D.; Ravi Sekhar; Ankit Kathuria |
| PP1482 | Capacity Analysis of Bhopal BRTS using Empirical and Simulation Model | Manoranjan Parida | |
| Chair PP1452 | Evaluating Efforts on Delay Reduction: Methodology to Understand Potential for-Improvement of Urban Arterial Network | Kiichiro HATOYAMA | Nguyet Thanh DUONG; Kiichiro HATOYAMA |
| (32) Public Transport in Asia (3) | | R3 | 9/12(Sat.) 1615-1730 |
| PP1385 | Stated Preference Analysis for New Public Transport in a Medium-sized Asian City: A Case Study in Malang, Indonesia | Daisuke FUKUDA | Tetsu BANDO; Daisuke FUKUDA; Achmad WICAKSONO; Lila Kurni Pattamaporn WONGWIRIYA |
| PP1376 | Paratransit in Developing Countries: Songtaew in Thailand | PATTAMAPORN WONGWIRIYA | Fumihiko NAKAMURA; Shinji TANAKA; Peamsook SANIT; Ryo ARIYOSHI |
| PP1550 | Passenger's Perceptions on Future Prospects of Qingqi Public Transport Service in Lahore | Muhammad Ashraf Javid | Muhammad Ashraf Javid, Ph.D. Mohsin Raza; Saddam Hussain; Muhammad Farhan Anwaa |
| Chair PP1319 | Paratransit Transport in Indonesia: Characteristics and User Perceptions | Djoen San Santoso | Djoen San Santoso; Tri Basuk Joewono; Yusak O. Susilo |
| (33) Driving Behavior (6) | | R3 | 9/13(Sun.) 0900-1015 |
| PP1462 | A Case Study of Public Bus Driver Behaviour at Batu Feringghi | Muaid Abdulkareem Alnazir Ahmed | Hooi Ling Khoo; Muaid Ahmed Master of Engineering Science (in progress) |
| PP1249 | An Investigation on Driving Cycle Characteristics of the Light Vehicle Urban Road in Developing Cities: Case Study in Makassar City - Indonesia | Sumarni Hamid Aly | Sumarni Hamid Aly, Dr Muhammad Isran Ramli |
| Chair PP1463 | Studying Effect of Weight-to-Power Ratio on Truck Acceleration Characteristics on Gradient using Mechanistic Approach | Shriniwas | Shriniwas Shrikant Arkatkar, PhD Manish Jain; Gaurang Josh |

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| (34) | Capacity and Traffic Flow Analysis (4) | R3 | 9/13(Sun.) 1030-1145 |
| | PP1275 Modelling of the Gap Phenomena at U-turn Provisions on the Median Openings of Inter-Urban Highway Corridors | Ravi Sekhar Chalumuri | Md Rashid KHAN; Ravi Sekha Chalumuri, PhD; Velmurugan SENAPATHI |
| | PP1347 U-turn Waiting Time Estimation at Midblock Median Opening | Thakonlaphat Jenjiwatanakul | Thakonlaphat Jenjiwatanakul Kazushi Sano; Hiroaki Nishiuch |
| | PP1264 Traffic Characteristics of Mixed Traffic Flow in Urban Arterials | Ka-Io WONG | Ka Io WONG; Tzu-Chang LEE Yen-Yu CHEN |
| (35) | Capacity and Traffic Flow Analysis (7) | R3 | 9/13(Sun.) 1315-1430 |
| | PP1454 A STUDY ON TRAFFIC STATE PATTERNS IN URBAN AREA: A CASE STUDY OF BANGKOK, THAILAND | Kimheang LY | Kimheang LY, Master of Science Mongkut PIANTANAKULCHAI; Sornthep VANNARAT |
| | PP1446 Operational Performance Analysis of Median U-Turn Intersections as Traf Control Facility in EDSA | Academe | Riches Bacero, MSCE |
| Chair | PP1278 Study on the Impact of the Construction Activity of Skyway Stage 3 on Traf Conditions along Osmeña Highway and San Andres Stre | Geoffrey Cueto | Geoffrey Lastrilla Cueto |
| (36) | Transportation Planning and Policy in Asia (9) | R3 | 9/13(Sun.) 1445-1600 |
| | PP1312 TRAVEL TIME ESTIMATION BASED ON FUSED TRAFFIC STATE DATA | Soknath MIL | Soknath MIL, Master; Mongku Piantanakulcha |
| | PP1267 Design and Development of the Puerto Princesa Airport Passenger Terminal | Jocelyn Buluran | Jocelyn Buluran |
| Chair | PP1510 Air Traffic Shifting Effects of Tourism and Low-Cost Carriers Developmen The Case of Taiwan Airport | Chieh-Yu Hsiao | Chieh-Yu Hsiao, Ph.D.; Chun-Yuan Yang; Yu-Hsin Chiang; Jeng-Ye |
| (37) | Pedestrian and Bicycle (1) | R4 | 9/11(Fri.) 1315-1430 |
| | PP1256 Evaluation of Usability toward Safer Use of Road-Crossing Facilities | Takanori SUNAGAWA | Takanori Sunagawa; Kenji DOI Kiyoshi SUZUKI |
| | PP1464 Assessment of Pedestrian Facilities in Malacca World Heritage Site, Malaysia using P-Index Method | Nabila Abdul Ghani | Nabila Abdul Ghani, Master o Transportation Planning; Tetsuo Shimizu; Safizahanim Mokhta |
| Chair | PP1158 Analysis of Critical Gap based on Pedestrian Behaviour at Unprotected Mi block Crosswalks | B Raghuram Kadali | B Raghuram Kadali, M.Tech Vedagiri Peruma |
| (38) | Pedestrian and Bicycle (2) | R4 | 9/11(Fri.) 1445-1600 |
| | PP1345 A Static Positioning Strategy for Public Bicycle Systems Considering Pena Cost: Comparison of Different Demand Pattern | Younghyun Seo | Younghyun Seo; Dong-Kyu Kim Seung-Young Khc |
| | PP1397 Pedestrian Safety Design in Bandung Institute of Technology (ITB) | Harun A Lubis | Harun al-Rasyid Lubis, Ph.D.; Ren Fatimatuz Zahro; Rudy Hermawan Karsamar |
| Chair | PP1340 Integrated Non-Motorized Transportation System For A Sustainabili Oriented Intramuro: | Francis Aldrine Uy | Francis Aldrine Abalos Uy, Ph.D. |
| (39) | Pedestrian and Bicycle (3) | R4 | 9/11(Fri.) 1615-1730 |
| | PP1568 Factors Influencing Footbridge Usage Along Epifanio Delos Santos Avenue (EDSA), Metro Manila | Aaron King | So-Aaron King; Rigel Cadag; Jire Despabiladeras; Rei Tumaming; Alexis Fillone |
| | PP1314 Effects of Perceived Neighborhood Walkability on Mode Choice of Short-Distance Trips in Hanoi city | Tran Minh Tu | Tu Minh Tran; Junyi Zhang Makoto Chikarashi; Akimasa Fujiwara; Quynh Huong Phar |
| Chair | PP1506 Pedestrian Environment Assessment of Rural District: Korean Experience | Myeonghyeon | Myeonghyeon Kim; Gyu-geu Yoon; Dong-ik Ha; Seung-Youn |
| (40) | Urban and Regional Planning (2) | R4 | 9/12(Sat.) 0900-1015 |
| | PP1486 Failure of Transit-Oriented Development from a Perspective of Quality of Life in Bangkok | Kazuki Nakamura | Kazuki Nakamura, Ph.D.; Fume Gu; Vasinee Wasuntarasook; Varameth Vichiensan; Yoshitsugu |
| | PP1321 A Study on the Effectiveness of Eco-Mobility Component: E-Jeepneys Makati City | Francis Aldrine Uy | Francis Aldrine Abalos Uy, Ph.D. |
| Chair | PP1308 Differences in Decision Making Factors and Process in Residential Choi Focusing on Planned Residential Duratio | Toshiaki AOKI | Toshiaki AOKI |
| (41) | Urban and Regional Planning (3) | R4 | 9/12(Sat.) 1030-1145 |
| | PP1358 Progressing Suburbanization and the Controversial Land Use Management in Japanese Local City -A Case Study of Miyakonojo City, Japa | Tetsunobu Yoshitake | Tetsunobu Yoshitake, Ph.D Kenichi Teramachi; Chikash Mithun Charkrawarti Prasad Paude |
| | PP1572 Intercity Transport Investment Decision in Developing Countries "A case of Kathmandu Terai Linkage in Nepal" | Mithun Paudel | Masters; Surya Raj Acharya; Ramesh Pokhrel |
| | PP1211 Diversifying capital sources for urban infrastructure Investment: Land-bas Financing in transportation development in Ho Chi Minh Ci | Thanh Nguyen | Thanh Bao Nguyen, MSc |
| Chair | PP1485 Evaluation for Low-carbon Land-use Transport Development with QOL Indexes in Asian Developing Megacities: a Case Study of Bangkok | Kazuki Nakamura | Kazuki Nakamura, Ph.D.; Vasinee Wasuntarasook; Fumei Gu; Varameth Vichensan; Masanobu Kii; Yoshitsugu Havash |
| (42) | Pedestrian and Bicycle (4) | R4 | 9/12(Sat.) 1315-1430 |
| | PP1491 A New Approach to Analyzing Factors Influencing Cycling Stability Usi Inertial Measurement Unit Senso | Shinhye Joo | Gunwoo Lee; Shinhye Joo; CHEOI OH; Keechoo Cho |
| | PP1311 Community Perception on Trans-operability of Intramuros | Riches Bacero | Riches Bacero, MSCE |
| Chair | PP1461 An Assessment of Walkability in a Medium-Sized Philippine City | Hilario Sean Palmiano | Hilario Sean Obana Palmiano, E Eng.; Sheila Flor Javier; Jose Regi |
| (43) | Public Transport in Asia (4) | R4 | 9/12(Sat.) 1445-1600 |
| | PP1571 A Compact Scheduling and Revenue Estimation Spreadsheet for Bus Operato | Raymund Abad | Raymund Paolo Bilo Abad; Alexi Fillone |
| | PP1313 Paradigm Shift Strategy of Inclusive Mobility: The Applicability of Bus Raf Transit along Commonwealth Avenu | Academe | Riches Bacero, MSCE |
| Chair | PP1469 Selection of Metro Manila BRT Corridors Using Multi-Criteria Assessment | Ricardo SIGUA | Ricardo SIGUA; Cresencio MONTALBO JR. |
| (44) | Pedestrian and Bicycle (5) | R4 | 9/12(Sat.) 1615-1730 |
| | PP1547 Proposal for Bicycle Traffic Survey via Smartphone | Katsuaki Imada | Katsuaki Imada; Hiroshi Kobayash Yasushi Kimura; Tomoya Ueno; Susumu Takamiy; |
| | PP1563 Investigating the determinants of intention to reuse the public bike-shari system - Evidence from the Taipei U-bike Syster | Ricky | Ching-Fu Chen; Kuan-Yu Lai; Pin Chi Su; Shih-Huan Chou |
| | PP1255 Bike-sharing Stations Planning using a GIS Suitability Model on Optimal Locations and Demand Analysis: A Case Study in the City of Bandung | Widyarini Weningtyas | Widyarini Weningtyas, M.Eng Nurlayla Arbie; adriani Lestari Henrika; Mega Putri Novetrishk; |
| Chair | PP1567 Establishment of Bikeway Network, Bicycle City and Bicycle Culture fo Sustainable Transport System in Thailand | Dr Malee UABHARADORN | Malee UABHARADORN, PhD |

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| (45) | Transportation Project Evaluation (2) | R4 | 9/13(Sun.) 0900-1015 |
| PP1544 | The impact of the motorways and expressways on accessibility and cohesion | Piotr Rosik | Piotr Rosik; Marcin Stepniak Tomasz Komornick |
| PP1470 | A Non-parametric Estimation of the Value of Travel Time: Evidence from Road Traffic in Japan | Hironori Kato | Hironori Kato; Tetsuya Tsujima |
| (46) | Pricing | R4 | 9/13(Sun.) 1030-1145 |
| PP1477 | Influence Analysis of Expressway Toll Discounts | Hideki Oka | Yuichi Mohri, Dr.; Toshic Kutsukake; Hideki Oka; Shoich The Ngoc Anh Nguyen, M.E.; Juny Zhang; Akimasa Fujiwara; Makoto Chikaraishi |
| PP1466 | Influence of Parking Deposit System on Travel Mode Choice Behavior in Hanoi: A Latent Class Modelling Approach | The Ngoc Anh Nguyen | |
| Chair | PP1168 An Evaluation of Urban Congestion Charging in Seoul | Kwangkyun Lim | Kwangkyun Lim; Sigon Kim; Yon Kwon |
| (47) | Transportation Planning and Policy in Asia (10) | R4 | 9/13(Sun.) 1315-1430 |
| PP1519 | Introducing Human-Centered Design Approach in Transportation Planning Process: A Scenario Method and A Concept Model of Stakeholder | Kiko Yamada-Kawai | Kiko Yamada-Kawai, M.E. |
| PP1412 | Effect of Radio News on Listeners' Awareness of Transportation Problems | Shintaro Terabe | Shintaro Terabe; Nano Ueshiro Hidehiro Yamazaki; Makoto Kasa |
| Chair | PP1580 User Perceptions of Sisu-Saeriyia School Transport Service in Sri Lanka | Pradeepa Jayaratne | Pradeepa Jayaratne, MSc; Ama Kumarage; Malinda Attanayak |
| (48) | Parking Policy | R4 | 9/13(Sun.) 1445-1600 |
| PP1276 | Transportation Demand Management in the Historical Area of Istanbul: A Pilot Project of Smart Parking System | Sadayuki Yagi | Sadayuki Yagi, Ph.D.; Katsuhid Nagayama; Tamaoki Watanab HYUNJU KIM, JANGWOOK KIM, Ph.D, YOUNG-TAEK OH, JINHEE KIM, SUNG-PIL CHOI David Jorey Alfaro; Francis Vincenr Camomot; Allison Cyril Escalante; Hipolito Bair; Anabel Abuzi |
| PP1210 | Improvement Measures for Railway Station Parking Lots Based on Universal Design | KIM HYUN JU | |
| PP1343 | On-street Parking Evaluation Divisoria, Cagayan De Oro City | Francis Vincent G. Camomot | |
| (49) | Freight Transportation and Logistics (1) | R5 | 9/11(Fri.) 1315-1430 |
| PP1381 | Evaluating Impacts of Transport Infrastructure Development on Freight Modal Share | Sittha Jaensirisak | Sittha Jaensirisak, Ph.D.; Luathei PARAMET; Sompong PAKSARSAWAN |
| PP1119 | Modeling and Optimizing Intermodal Logistics Route Across the Taiwan | Cheng-Chieh Chen | Cheng-Chieh Chen, Ph.D.; Yi-Jhen |
| Chair | PP1386 Rare Mode Choice in Freight Transport: Modal Shift from Road to Rail | Wisinee Wisetjindawat | WISINEE WISETJINDAWAT; Hiroki OIWA; Motohiro FUJITA |
| (50) | Freight Transportation and Logistics (2) | R5 | 9/11(Fri.) 1445-1600 |
| PP1279 | Establishing of the City Logistic Concept in Improving the Freight Distribution in Metro Manila | Geoffrey Cueto | Geoffrey Lastrilla Cueto |
| PP1127 | Issues for the Linehaul-Feeder Vehicle Routing Problem with Virtual Depot and Time Windows | Huey-Kuo Chen | Huey-Kuo Chen, Ph.D. |
| Chair | PP1453 Reactive GRASP for the Capacitated Single Allocation p-Hub Median Problem | Ching-Jung Ting | Ching-Jung Ting; Kuo-Rui LU Kun-Chih Wu |
| (51) | Freight Transportation and Logistics (3) | R5 | 9/11(Fri.) 1615-1730 |
| PP1147 | Characterizing The Role Of Non-motorized Transportation: The Logistics System In Baguio City Public Market Through Human Powered Carts | Mark De Guzman | Ralph Jopie Tapales Mejia, B.S. Mark De Guzman; Daphne Mariu Satoshi Tanabe; Ryuichi Shibusaki Hironori Kato |
| PP1335 | Impact Assessment Model of International Transportation Infrastructure Development: Focusing on Trade and Freight Traffic in Central Asia | Satoshi Tanabe | |
| Chair | PP1488 Effect of Trade Data Aggregation on International Mode Choice | Ghim Ping Ong | Weng Sut Sou; Ghim Ping Ong. |
| (52) | Freight Transportation and Logistics (4) | R5 | 9/12(Sat.) 0900-1015 |
| PP1367 | Intermodal Road-RoRo Transport in the Philippines, its Development and Position in the Domestic Shipping | Anita II Odchimar | Anita II Alvarez Odchimar; Shiny HANAOKA |
| PP1200 | BROADER ECONOMIC BENEFITS OF TRANSPORTATION INFRASTRUCTURE INVESTMENT (INDIVIDUAL PROJECT) OF PRODUCTION SECTOR BASED ON COST REDUCTION OF FREIGHT | Ridwan Anas | ridwan anas, M.T.; Ofyar Tamin; Sony Wibowo |
| Chair | PP1451 Estimation of CO2 Emissions for Low Carbon Urban Freight Transport in Khon Kaen, Thailand | Kumiko Nakamichi | Kumiko Nakamichi, Ph.D; Shiny Hanaoka; Shinsuke Mogi; Thaned Satiennam |
| (53) | Freight Transportation and Logistics (5) | R5 | 9/12(Sat.) 1030-1145 |
| PP1202 | Effect of Demand Distributions and Declining Urgency of a Perishable Item Relief Ordering Policy | Rubel Das | Rubel Das; Makoto Okumura |
| PP1225 | Determination of Cost Impact using Mathematical Model Comprising City Logistics to Quick Service Restaurants in Metro Manila | Mapua Institute of Technology | Francis Aldrine Abalos Uy, Ph.D. |
| Chair | PP1511 Career Competencies Analysis of Transport/Logistics Managers of Mongolia | DELGERNASAN Mishig | DELGERNASAN Mishig, MBA BATKHUREL Gombodor |
| (54) | Freight Transportation and Logistics (6) | R5 | 9/12(Sat.) 1315-1430 |
| PP1263 | Optimization Urban Freight Transportation Network by Using Genetic Algorithm | I Made Suraharta | i made suraharta; Ade Sjafruddin Russ Bona Frazilla; Raden Driejan Jittichai Rudjanakanoknad, Ph.D. Chanikan Vongsmaenthei Yu-Kai Huang, Ph. D.; CHIEH CHAO WEN; YI-SAN HUANG |
| PP1114 | Assessment of Thailand's Border Special Economic Zones by Infrastructure and Border Trade Facilitation Indices | Jittichai Rudjanakanoknad | |
| PP1154 | Analysis of Loyalty of Store-to-Store Delivery Service System: A Case Study of ezShip.com in Taiwan | Yu-Kai Huang | |
| (55) | Air and Water Transportation Policy (3) | R5 | 9/12(Sat.) 1445-1600 |
| PP1396 | Motion-Based Energy Analysis Methodology for Hybrid Straddle Carrier Towards Eco-Friendly Container Handling System | Putu Hangga | Putu Hangga Nan Prayoga, M.Eng Takeshi Shinoda |
| PP1380 | Time Series Analysis for Viet Nam Container Cargo Movements Implications for Port Policy Management | Tam Tran | Tam Thi Anh Tran, PhD Course Student; Mikio Takebayash |
| Chair | PP1524 The Importance of Hinterland Connection to Improve Port Productivity South Sumatera | Prof. Dr. Ir. Erika Buchari | Erika Buchari, Ph.D |
| (56) | Air and Water Transportation Policy (4) | R5 | 9/12(Sat.) 1615-1730 |
| PP1304 | The Effects of Aviation Accidents on Public Perception toward an Airline | CHEN-WEI LI | CHEN-WEI LI; VENG KHEAN PHUN; MIO SUZUKI; TETSUO Lay Eng Teoh, Master of Science (Mathematics); Hooi Ling Kho PO-HSING TSENG; Nick Pilcher |
| PP1118 | Airline Strategic Fleet Planning Framework | Lay Eng TEOH | |
| PP1487 | Exploring the Causes of Port Accidents: A Case Study of Kaohsiung Port, Competition and Efficiency of International Carrier Freight Routes at Taoyuan International Airport | Po-Hsing Tseng | |
| Chair | PP1221 | Sui-Ling LI | SUILING LI |

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| (57) Freight Transportation and Logistics (7) | | R5 | 9/13(Sun.) 0900-1015 |
| PP1183 | Assessing Intercity Freight Transport Network Vulnerability: An Empirical Case in Taiwan | Cheng-Hsien Hsieh | Cheng-Hsien Hsieh; Cheng-Min Feng; Yi-Hsin La |
| PP1555 | DEVELOPMENT AND APPLICATION OF THE HIGH-SPEED WEIGHT-IN-MOTION SYSTEM FOR THE EXPRESSWAY | Soonmin Kwon | Soonmin Kwon, Ph.D.; Yoon-Hyu Choi |
| Chair PP1556 | Traffic Characteristics according to Snowy Weather Conditions on Expressway by vehicle type | Yoon-Hyuk Choi | Yoon-Hyuk Choi, Ph.D.; Soonmin Kwon |
| (58) Robust and Resilient Transportation (1) | | R5 | 9/13(Sun.) 1030-1145 |
| PP1428 | Short-Notice Bus-Based Evacuation under Dynamic Demand Conditions | Asif Nawaz Qazi | Asif Nawaz Qazi, Masters of Engineering; Kazuaki Okubo; Hisashi Kubota |
| PP1429 | Road Network Evaluation from Reliability Perspective: An Accessibility and Network Closure Vulnerability Approach | Ramesh Pokharel | Ramesh POKHAREL, M.D. Hitoshi IEDA |
| PP1362 | Robust Optimization for Facility Location and Transportation Design under Demand Uncertainty in Relief Distribution | KASEMSRI Rattanaporn | RATTANAPORN KASEMSRI Ph.D.; Kazushi SANO; Hiroaki |
| (59) Robust and Resilient Transportation (2) | | R5 | 9/13(Sun.) 1315-1430 |
| PP1284 | Behavior Analysis of Stranded Person Using Mobile GPS Data | Makoto FUJII | Makoto Fujii; Kazuyuki Takada Jyunichi Takayama; Shoichiro Nakayama |
| Chair PP1413 | Network Fortification Model for Intercity Passenger Transportation | Makoto Okumura | Huseyin TIRTOM; Makoto OKUMURA; Hiromichi YAMAGUCHI; Rubel DAS |
| (60) Robust and Resilient Transportation (3) | | R5 | 9/13(Sun.) 1445-1600 |
| PP1295 | Understanding the Decision of Flood Evacuation Departure Time Using Discrete Choice Model | Ma. Bernadeth Lim | Ma Bernadeth Borleo Lim, MEng Hector Jr. Lim; Mongkut Piantanakulchai; Francis Aldrine U |
| PP1418 | Household Flood Evacuation Route Choice Model at Sub-district Level | Hector Jr. Lim | Hector Jr. Ruiz Lim, MEng; Ma Bernadeth Lim; Mongkut Piantanakulchai |
| Chair PP1121 | Empirical Analysis on the Impact of Rain Intensity on Commuters' Departure Decision on Torrential Rain Days | Jun Sakamoto | Jun Sakamoto, Ph.D.; Motohiro Fujita |
| (61) Travel Behavior Analysis (2) | | R6 | 9/11(Fri.) 1315-1430 |
| PP1208 | A Longitudinal Analysis of Built Environment and Travel Behavior in Keihanshin Metropolitan Area | Sayaka Yasui | SAYAKA YASUI; Yasuhiro Shiomi |
| PP1387 | Do Online Activities Still Need Physical Movement? Towards Inclusive Transportation for Indonesian Women Online Communities | Yudi Basuki | Yudi Basuki; Roos Akbar; Pradono Pradono; Miming Mihari; Chanikarn LERTKRAI; Sovani CHEA; Hananto Prakoso, Ph.D.; Somchai PATHOMSIRI |
| Chair PP1190 | Mode Choice Behavior on Bangkok's Worker | Hananto PRAKOSO | Chanikarn LERTKRAI; Sovani CHEA; Hananto Prakoso, Ph.D.; Somchai PATHOMSIRI |
| (62) Travel Demand Modeling (3) | | R6 | 9/11(Fri.) 1445-1600 |
| PP1459 | Calibration Methods and Results for Activity-Travel Scheduling Models | William H.K. LAM | Xiao Fu; William H.K. Lam Yiliang Xiong |
| PP1505 | Estimating the Reduction in Single-Occupancy Vehicles Entering Kuala Lumpur As A Result of Telecommuting by Female Employees | Mootaz M. JAFF | Mootaz Munjid, MURP; Dr. Abdul Azeez Kadar Hamsa; Prof. Mansor Ibrahim; Dr. Mohd Zin Mohamed; Dr. Rustam Khairi Zahar |
| Chair PP1422 | Understanding the Effect of Online Shopping Behavior on Shopping Travel Demand through Structural Equation Modeling | Zudhy Irawan | Muhammad Zudhy Irawan, Ph.D. |
| (63) Travel Behavior Analysis (3) | | R6 | 9/11(Fri.) 1615-1730 |
| PP1193 | An Analysis of Out of Home Non Work Activity Timing and Mode Behavior Based on Traffic Congestion Condition | Melawaty AGUSTIEN | Melawaty Agustien, S.Si.,MT; Adnan SJAFRUDDIN; Harun Al Rasyid S LUBIS; Sony S.WIBOWC |
| PP1306 | Exploring Self-Containment of Discretionary Activities in an Aging Newtown of Japan Based on a Destination Choice Model with Social Network Effects | Thi Anh Hong NGUYEN | Thi Anh Hong NGUYEN; Makoto CHIKARAISHI; Hajime SEYA; Akimasa FUJIWARA; Juny |
| Chair PP1212 | Mode Choice Behavior and Modal Shift to Public Transport in Developing Countries - the Case of Hanoi City | Vu Anh Tuan | Anh Tuan Vu, Ph.D. |
| (64) Travel Behavior Analysis (6) | | R6 | 9/12(Sat.) 0900-1015 |
| PP1375 | Frequency Distribution of Leisure Travel by Japanese: The Past and Future | Hiromichi Yamaguchi | Hiromichi Yamaguchi; Makoto Okumura |
| PP1291 | A Departure Time Choice Model on the Shopping Trip for Short Time Based on the Disutility Minimizing Approach | Muhammad Isran Ramli | Muhammad Isran Ramli, Dr. Eng. Yoshinao OEDA; Chiaki MATSUNAGA |
| Chair PP1172 | Analyzing Regional Travel Patterns in India: Disaggregated Analysis of Socio-Health and Pilgrimage Trip | Ronita Bardhan | Ronita Bardhan, Ph.D.; Varun Varghese; Arnab Jana |
| (65) Transportation Planning and Policy in Asia (3) | | R6 | 9/12(Sat.) 1030-1145 |
| PP1438 | Travellers' motivations to use public transportation: a changing strength of personal environmental motivation in deciding bus use intention | Nguyen Hoang Tung | Hoang-Tung Nguyen; Aya Kojima; Hisashi Kubota |
| PP1130 | Investigation of Factors Influencing the Private Car Ownership in China: Evidence from the Panel Data | Qi ZHANG | Na Wu; Qi ZHANG; Shengchua ZHAO |
| Chair PP1153 | Challenge of Public Transport Planning in Private Vehicle Dominated Community | Paramet Luatthep | Paramet Luatthep, Ph.D.; Suppakorn Suttipan; Sittha Jaensiraisal |
| (66) Travel Behavior Analysis (7) | | R6 | 9/12(Sat.) 1315-1430 |
| PP1197 | Effects of Two Fare Policies on Public Transport Travel Behaviour: Evidence from South East Queensland, Australia | Barbara T.H Yen | Barbara T.H. Yen, Ph.D.; Wen Chun Tseng; Yu-Chiun Chiou; Lawrence W. Lan; Corinne Mulley |
| PP1162 | Modelling Route Choice Behaviour of Non-Motorized Transport | Al Hanz Seiji Basa Lidasan | Al Hanz Seiji Basa Lidasan Shunsuke Okada; Tetsuro Hyodo; Saksith CHALERMPOONG, Ph.D. |
| Chair PP1403 | Walking Distance of Commuters after Modal Shift to Rail Transit in Bangkok | Chakaphan CHULLABODHI | Apiwat RATANAWARAHA; Chakaphan CHULLABODHI |
| (67) Public Transport in Asia (5) | | R6 | 9/12(Sat.) 1445-1600 |
| PP1217 | Determinants of "Travel with Dignity" of Passengers of MRT3 | Jocelyn Buluran | Jocelyn Buluran |
| PP1373 | Evaluation of Willingness to Buy Commuter Train's Ticket | Nursyamsu Hidayat | Nursyamsu Hidayat; Kunihiko Kishi |
| Chair PP1302 | Estimation of Buffer Time of Rail Commuters in Tokyo Metropolitan Area | Kazuyuki Takada | KAZUYUKI TAKADA, D. YUZO TAKANAMI |

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| (68) | Urban and Regional Planning (5) | R6 | 9/12(Sat.) 1615-1730 |
| | PP1152 Analysis of Impact on Vitality in Central Town Area by Introducing Shopping Support Services | Noboru ISE | Noboru ISE; Yasuo HINO |
| | PP1260 Disentangling the Young Adults' Residential Relocation Choice in Japan | YUBING XIONG | XIONG YUBING; JUNYI |
| Chair | PP1421 Changes in transportation behavior in the Tokyo metropolitan area based on person-trip survey data | Jun MORIO | Jun MORIO; Yuichi MOHRI Shota KAWAKAMI; Kouk |
| (69) | Transportation Planning and Policy in Asia (8) | R6 | 9/13(Sun.) 0900-1015 |
| | PP1379 Factor Influencing Bus Usage in English Provincial Cities: A Lesson for B Development | Tuan Anh LUONG | Tuan Anh Luong, MSc; Lan Huon Tran; Hai Linh Le |
| | PP1478 Travel Behaviours of Immigrants in Queensland, Australia | Sunhyung Yoo | Sunhyung Yoo; Luke Diamond Jinwoo Lee |
| | PP1274 Adaptive Driving Route of Busses along EDSA Using Fuzzy Logic | Bernard Yasay | Alexis Morales Fillone, Ph.D. Bernard Yasay; Elmer Dadio |
| (70) | Energy and Environment (3) | R6 | 9/13(Sun.) 1030-1145 |
| | PP1161 Statistical Analyses on Actual EV Shuttle Operation Service Data | Koken Yahara | Koken Yahara; Tetsuro Hyodo Daisuke Watanabe |
| | PP1325 Comparison of Fuel Economy of Fuel and Operating Characteristics of Diesel and Auto-LPG Jeeps through On-road and Vehicle Tests | Edwin Quiros | Edwin Quiros; Karl Vergel; Ernest Batac Abaya, MS Civil Engineering; Ervin Santos; Jos Napon Srisakda, M.D.; Tetsuhir Ishizaka; Atsushi Fukuda; Sathita Malaitham |
| Chair | PP1228 Quantifying the Effectiveness of Transportation Policy Measures for Reducing Energy Demand under Energy Emergencies | Sungwon LEE | Sungwon Lee, Ph.D.; Taihyun Lee; Gyunyoung Kim; Keecho |
| (71) | Transportation Planning and Policy in Asia (11) | R6 | 9/13(Sun.) 1315-1430 |
| | PP1473 A Study of Metro Manila's Public Transportation Sector By Implementing Multimodal Public Transportation Route Planning | Chelcie Narboneta | Chelcie Garcia Narboneta, M.S. Kardi Teknomc |
| Chair | PP1148 Effects of Traffic Signal Locations on Stop Line Compliance of Vehicle Drivers in Korea | Jin-Tae Kim | Jin-Tae Kim, Ph.D |
| (72) | Travel Demand Modeling (4) | R6 | 9/13(Sun.) 1445-1600 |
| | PP1301 Development of Evacuation Plan by Utilizing Transportation Modeling in the City of Borongan, Eastern Samar | Riches Bacero | Riches Bacero, MSCE |
| | PP1530 An Analysis of Route Demand for Low-Cost Carriers--A Case Study of Taiwanese Travelers | Wei-Chung HUNG | Chieh-Yu HSIAO, Ph.D.; Wei- Chung HUNG; Chia-Huei LIAO; I |
| Chair | PP1357 A Similarity-based Self-evolutionary Model for Railway Arrival Forecasting | Tsung-Hsien Tsai | Tsung-Hsien Tsai |
| (73) | Intelligent Transportation Systems (2) | R7 | 9/11(Fri.) 1315-1430 |
| | PP1160 Dynamic Journey Time Estimation in Stochastic Road Networks with Uncertainty | William H.K. Lam | Qiong TANG; Xingang LI; William H.K. LAM; H.W. HC |
| | PP1320 Application of Traffic State Prediction Methods to Urban Expressway Network in the City of Seoul | Minju, Park | Youngho Kim; Woojin Kang Minju Park, Ph.D |
| Chair | PP1166 Automatic Traffic Incident Detection Algorithm for Both Rain and No-Rain Conditions | William H.K. Lam | William H.K. Lam; Mei Lam Tam Xiangmin Li |
| (74) | Survey and Data Collection (1) | R7 | 9/11(Fri.) 1445-1600 |
| | PP1395 A Virtual Trip Line Matching Model for Cellular Vehicle Probe Positioning and Tracking | Chih-Wei HSIEH | Yu-Chiun Chiou; Chih-Wei HSIEH |
| Chair | PP1419 Mode Classification for Mixed Traffic Flow Based on Smartphone Data | Yasuhiro Shiomi | Yasuhiro Shiomi, Ph.D.; nishiuch hiroaki; toshio yoshi |
| (75) | Capacity and Traffic Flow Analysis (1) | R7 | 9/11(Fri.) 1615-1730 |
| | PP1334 Arterial Speed Studies Based on Data from GPS Equipped Probe Vehicle | Porntep Puangprakhon | Porntep Puangprakhon, M.Eng Sorawit Narupit Rudy Hermawan KARSAMAN PhD; Aine Kusumawati; Widyarini Weningtyas; Jongga Jihanny; Ary Hafiandi; Gunawan Wicakson Rahman Farzana, PhD; Tri Basuk JOEWONO; Shahidullah AL MASUM; Sahriar IFTEKHAR |
| | PP1441 Traffic Simulation Study for Alleviating Traffic Congestion Problem in Jakarta Urban Toll Road | Rudy Hermawan KARSAMAN | |
| Chair | PP1131 Learning from the Implementation of Traffic Calming Devices in Dhaka City | Dr. Farzana Rahman | |
| (76) | Driving Behavior (3) | R7 | 9/12(Sat.) 0900-1015 |
| | PP1588 The Improvement of Emergency Vehicle Driving Safety Due to the Implementation of Emergency Vehicle Preemption (EVP) | Ho-Chul Park | Lian CUI; Ho-Chul Park; Seung Young KHO; Dongik H/ akhilesh Kumar maurya Geetumukta mahapatr |
| Chair | PP1450 Study on Lateral Placement and Speed of Vehicles under Mixed Traffic Condition | Akhilesh Kumar maurya | |
| (77) | Urban and Regional Planning (4) | R7 | 9/12(Sat.) 1030-1145 |
| | PP1382 Modeling the Role of Infrastructure for Regional Development | Surya Raj Acharya | Surya Raj Acharya, Ph.D. |
| | PP1553 Infrastructure Development Program in Rural Areas using the Integrated Rural Accessibility Planning (IRAP) | Ludfi Djakfar | Ludfi Djakfar, Ph.D.; Jaya Bakri Harnen Sulistio; Achma Janaka Weerawardana, B.Sc M.Sc.; Amal S. Kumarage; Wimukthi N. Bandar |
| Chair | PP1566 Re-Routing Public Bus Services for Kandy City | Amal S. Kumarage | |
| (78) | Public Transport in Asia (6) | R7 | 9/12(Sat.) 1315-1430 |
| | PP1361 Actual Conditions at the Metro Manila MRT-3 during the Morning Peak Period: Focus on Passengers' Viewpoint | Andra Charis S. Mijares | Andra Charis Sehob Mijares M.Eng.; Mio Suzuki; Tetsuo Ya Norlida Abdul Hamid, Ph.D.; Peck Leong Tan; Mohamad Faizul Mohamad Zali; Ubaidah Rahamat; Norazila Abd Aziz Marcus Baron; Kasen Choocharuku |
| | PP1411 Safety and Security Needs of Commuter Rail Services - Travellers' Perceptions | Norlida Abdul Hamid | |
| Chair | PP1195 Travel Behavior and Responses to Change in Transit Fare: A Comparative Study of Urban Rail Passengers between Bangkok and Manila | Kasem Choocharuku | |
| (79) | Survey and Data Collection (2) | R7 | 9/12(Sat.) 1445-1600 |
| | PP1426 Analysis of Transit User Satisfaction Using Structural Equation Models | Sunyoung PARK | Sunyoung PARK; Jungmee KIM Jinsoo LEE; Intack OH |
| | PP1465 Comparison of Activity Type Identification from Mobile Phone GPS Data Using Various Machine Learning Methods | Lei GONG | Lei GONG, Master; Toshiyuk YAMAMOTO; Takayuki MORIKAWA |
| Chair | PP1203 Study on Travel Analysis and Statistical Verification between Paper Survey and Mobile Survey (Using Vehicle Use Survey) | Jungeun KIM | Jungeun KIM; Jiyoun YEON Chansung KIM; Hongmo SEONC |

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|-------------|---|---|----------------------------|--|
| (80) | Survey and Data Collection (3) | | R7 | 9/12(Sat.) 1615-1730 |
| | PP1247 | Public Acceptance Survey for Evaluation of Traffic Calming Prioritization Process | Dr. Farzana Rahman | Rahman Farzana, PhD; Yoshida Shingo |
| | PP1458 | Map Matching on Sparse GPS Data: A Perspective of a Developing City | Moinul Hossain | Moinul Hossain; Nova Ahmed; Md Mahfuzur Rahman Siddiquee; Refaya Karim; Mohsina Zamar |
| | PP1298 | Ranking of Hazardous Highway Locations in Thailand | Ponjanat Ubolchay | Ponjanat UBOLCHAY; Mongkuk PIANTANAKULCHAI |
| Chair | PP1349 | A Study On Drivers' Route Choice Under The Influence Of ATIS Accuracy | El Bachir DIOP | El Bachir Diop, Ph.D; Shengchuan ZHAO; Bingrong SUN |
| (81) | Travel Behavior Analysis (8) | | R7 | 9/13(Sun.) 0900-1015 |
| | PP1173 | Accessibility of Labor Market Case Study: Indonesian Cities and Bangkok, Thailand | Hananto PRAKOSO | Hananto Prakoso, Ph.D; Somcha PATHOMSIRI; Jean-Pierre ORFEUIL; Jachrizal |
| | PP1444 | Making the Connection between Transport Disadvantage and Motorcycle Usage of Low-Income People in Yogyakarta Urbanized Area | Yori Herwangi | Yori Herwangi, MURP; Pradono Pradono; Ibnu Syabri; Iwai |
| Chair | PP1435 | Comparative Analysis of the Household Car Ownership between Toyota Camry and Nagoya City | Jia YANG | Jia YANG, Ph.D.; Hideki KATO Ryosuke ANDO |
| (82) | Transportation Project Evaluation (3) | | R7 | 9/13(Sun.) 1030-1145 |
| | PP1134 | Paired Comparison Method to Prioritize Traffic Calming Projects | Dr. Farzana Rahman | Rahman Farzana, PhD; Yoshida Shingo |
| | PP1268 | Design and Development of Passenger Terminal at Batangas Port | Jocelyn Buluran | Jocelyn Buluran |
| Chair | PP1224 | Planning Metro Manila's Mass Transit System | Ricardo Jose | Ricardo Jose, Daniel Ligerald Mabazza, D.Eng., Jose Regin Regidor, Marco Stefan Lagman, Jonathan Villaspei |
| (83) | Historical Studies and International Cooperation (1) | | R7 | 9/13(Sun.) 1315-1430 |
| | PP1296 | Challenges of Urban Transport Development in Metro Manila: A look back the last 40 years | Jose Regin REGIDOR | Maria Sheilah NAPALANG; Jose Regin F. REGIDOR, Dr.Eng |
| | PP1117 | A Preliminary Study on Differences of Previous and Current Town Planning On Travel Behavior of Road Users in Malaysia | Akinori Morimoto | Yong Adilah Shamsul Harumair Akinori Morimoto |
| Chair | PP1324 | An Assessment of the Public Necessity Concept for Estimating the Requirements for Public Transport Vehicle | Jose Regin REGIDOR | Arnel MANRESA; Karl VERGEL Jose Regin F. REGIDOR, Dr.Eng |
| (84) | Historical Studies and International Cooperation (2) | | R7 | 9/13(Sun.) 1445-1600 |
| | PP1436 | Land Governance for Transit Oriented Development in Densely Built Urban Area (Case Study: Jakarta, Indonesia) | Puspita Dirgahayani | Puspita Dirgahayani; Ibnu Syabri Nurrahman Putro Waluyo |
| | PP1517 | Studying Movements of Large Cruise Ships in Asia Using Automatic Identification System Data | Hirohito Ito | Hirohito Ito; Kazunari Ogata |
| Chair | PP1449 | Urban Railway Network Planning in the Greater Yangon, Myanmar | PHAN LE BINH | Le Binh PHAN; Takash SHOYAMA; Hironori KATC |
| (85) | Air and Water Transportation Policy (1) | | R8 | 9/11(Fri.) 1315-1430 |
| | PP1531 | DYNAMICS OF AIR TRANSPORTATION INSIDE THE PHILIPPINE ARCHIPELAG | Yves Boquet | Yves Boquet, Ph. D. |
| | PP1533 | A Set Of Proposed Sustainable Transport Indicators For Rural River Transportation In Indonesia | Muhammad Fathoni | Muhammad Fathoni, MT; Pradono Pradono; Ibnu Syabri; Shanty YI |
| Chair | PP1500 | Determinants of Banking Sector's Credit Granting policy for the Yacht Industry in Taiwan | Yichih Yang | yichih yang; Hsien-Pin Liu |
| (86) | Air and Water Transportation Policy (2) | | R8 | 9/11(Fri.) 1445-1600 |
| | PP1445 | A Study of Economical Valuation of a Passenger Boat Line in deficit - Case Study of Rapid Boat between the Osaki-Kamijima Island and the Main Land | Atushi Tagami | Masato Okayama; Atushi Tagami |
| Chair | PP1318 | Measuring Connectivity for Domestic Maritime Transport Network | Russ Bona Frazila | Russ Bona Frazila, Ph.D.; Febr Zulkhruf |
| (87) | Transportation Planning and Policy in Asia (1) | | R8 | 9/11(Fri.) 1615-1730 |
| | PP1564 | User Rights in Passenger Transport | Prof. Amal S. Kumarage | Amal S Kumarage, Ph.D Maheshika Sakalasuriy; |
| | PP1499 | Train Operation Adjustment Model of Heavy Haul Railway Based on Train Combined Strategy | Yi Zhao | Yi Zhao; Wei Cao; Xi Zhang |
| | PP1339 | Effect Of Dynamic Blink Control Of Light-Emitting Devices Installed Along Road Shoulder On Congestion Relief | Hiroyuki Kameoka | hiroyuki kameoka; hiroyuki oneyama; mitsuaki sakurai |
| Chair | PP1236 | The Digitised Railway Facility Management System and the Application of GIS and GPS to Railway Operation | Fumio KUROSAKI | Fumio Kurosaki, Ph.D. |
| (88) | Transportation Project Evaluation (1) | | R8 | 9/12(Sat.) 0900-1015 |
| | PP1402 | Evaluation of Inter-Regional Transportation Network Considering Multi-Mode Route Alternatives | TAKUYA WATANABE | TAKUYA WATANABE; MUNENORI SHIBATA; TAKAMASA SUZUKI |
| | PP1439 | Life Cycle Cost Estimation for Building, Operating, and Maintaining High Speed Rail with Optimized Technical Option | Hironori Kato | Etienne Le Maout; Hironori Kato |
| (89) | Transportation Planning and Policy in Asia (4) | | R8 | 9/12(Sat.) 1030-1145 |
| | PP1443 | The Impact of Public Transportation on Reducing Transport-related Social Exclusion: an Exploratory Study in the Case of Jakarta | Puspita Dirgahayani | Puspita Dirgahayani; Ferdinand Situngkir |
| | PP1299 | Time Use of Urban Poor and Rural Poor on Activity and Travel in Gujarat India: Similarities and Differences | Makoto CHIKARAISHI | Makoto Chikaraishi; Arnab Jana Ronita Bardhan; Akimasa Fujiwara Rattanaporn - Kaewkluengklor |
| Chair | PP1378 | Psychological factors influencing intentions to use Bus Rapid Transit (BRT) in Khon Kaen, Thailand | Rattanaporn Kaewkluengklor | M.D.; Wichuda SATIENNAM; Sittha JAENSIRISAK; Thaned SATIENNAM |
| (90) | Energy and Environment (1) | | R8 | 9/12(Sat.) 1315-1430 |
| | PP1348 | Comparative Study of the Effects of Fuel Sources (Diesel, Gasoline and Autogas) in Public Transportation in Metro Manila on Price, Emission and Travel Speed Estimation considering Weather Conditions and Snow Removal Operations on an Urban Arterial | Francis Aldrine Uy | Francis Aldrine Abalos Uy, Ph.D. |
| | PP1440 | Comparative Study of the Effects of Fuel Sources (Diesel, Gasoline and Autogas) in Public Transportation in Metro Manila on Price, Emission and Travel Speed Estimation considering Weather Conditions and Snow Removal Operations on an Urban Arterial | Sungmin Hong | Sungmin Hong, M.S.; Toru Hagiwara; Shouchi Takeuchi; Biru |
| Chair | PP1213 | An O-D Approach of Estimating Energy Demand and CO2 Emission for Luzon Road Transport using Inter-Regional Passenger and Freight Flow Data | Marloe Sundo | Marloe Sundo, MSci; Karl Vergel |

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| (91) | Energy and Environment (2) | R8 | 9/12(Sat.) 1445-1600 |
| PP1333 | Instantaneous Fuel Consumption Models of Light Duty Vehicles and a Case Study on the Fuel Consumption at Different Traffic Conditions in Metro Manila Using Shepard's Interpolation Method | Ernesto Abaya | Ernesto Batac Abaya, MS Civi Engineering; Karl Vergel; Ricardo Sigua; Edwin Quiros; Jose Bienvenido Biong |
| PP1342 | Development of Drive Cycles and Measurement of Fuel Economies of Light Duty Vehicles in Metro Manila | Ernesto Abaya | Ernesto Batac Abaya, MS Civi Engineering; Karl Vergel; Ricardo Sigua; Edwin Quiros; |
| Chair | PP1170 How to Overcome Illegal Waste Disposal along Toll Road Side in Indonesia | A. Caroline Standi | A. Caroline Sutandi; Wimp; Santosa; Agus Taufik Mulyon; |
| (92) | Energy and Environment (4) | R8 | 9/13(Sun.) 0900-1015 |
| PP1186 | Evaluation of Road Utilization Needs for Road Space Reallocation | Takanori SUNAGAWA | JongJin YOON; Takanor SUNAGAWA; Hiroaki TAKEBAYASHI; Masahiro Pradono Pradono, Dr.Eng.; Iwan F Kusumantoro; Argasadha Retapradana |
| PP1352 | Towards Carbon Dioxide Emission Reduction through Public Transport Revitalization: Case of Proposed Surabaya Tram Transit Project | Pradono | |
| Chair | PP1145 Possible to expand of electric vehicle transportation in Mongolia | Bayarsaikhan Tsend-Ayush | Bayarsaikhan Tsend-Ayush |
| (93) | Tourism | R8 | 9/13(Sun.) 1030-1145 |
| PP1587 | Travel Expenditure of Inbound Tourists in Japan: Market Segments by Nationality and Travel Experience | Shogo Sakamoto | Shogo Sakamoto; Takeshi Kurihara; Naoyuki Tomar |
| PP1398 | Exploring the Important Driving Satisfaction Factors at Different Road Segments; Focus on Tourism Trip | Safizahanin Mokhtar | safizahanin mokhtar; Tetsuo Shimizu; Tetsuo Shimizu |
| Chair | PP1265 Characteristics of Cruise Tourism in Asia | Makoto FUJII | Makoto Fujiu; Masahiro Yoshioka; Kazuyuki Takada; Junichi Takayama; Shoichiro Nakayama |
| (94) | Accident and Safety (7) | R8 | 9/13(Sun.) 1315-1430 |
| PP1481 | Identifying Black Spots Based on Safety Potential - A Suitable Approach for Accident Reduction in Developing Countries | Huy Huu Nguyen | Huy Huu Nguyen, PhD student |
| PP1123 | GUIDELINE FOR SURVEY, INVESTIGATION, AND DESIGN OF BLACK SPOT LOCATION (SID-LRK) IN LAMPUNG PROVINCE | Budi Hartanto SUSILO | Budi Hartanto Susilo, Professor |
| PP1516 | A Comparison between Multivariate Poisson Gamma Mixture Model and Univariate Negative Binomial Count Models to Examine Types of Accident Frequencies on Freeway | Mothafer Ghasak Ibrahim | Ghasak Ibrahim Mohamed Amei; AL Mothafer, Ph.D; Toshiyuki Yamamoto; Venkataraman Shankar |
| (95) | Accident and Safety (8) | R8 | 9/13(Sun.) 1445-1600 |
| PP1520 | A Study of Relations Between Speed of Vehicles and Road Condition | Jetsada Kumphong | Jetsada Kumphong, M.D" |
| Chair | PP1272 How Much Money Will Losses Cause of Accident and Traffic Jam Case Study on Main Road in Bandar Lampung, Indonesia | rahayu sulistyorini | rahayu sulistyorini, Ph.D. |
| (96) | Travel Behavior Analysis (4) | R9 | 9/11(Fri.) 1315-1430 |
| PP1414 | Analysis of the Influence That the Difference of Change of the Age Structure Give For Railway Passengers in the Tokyo Metropolitan Area | Takayoshi Tsuchiya | Takayoshi Tsuchiya; Naohiko Hibino; Shigeru Morich |
| PP1467 | Multi-Agent Simulation for Promoting Clean Energy Vehicle Considering with Concern for Environment and Local Interaction | Masashi Okushima | masashi okushima, Ph. D. |
| Chair | PP1222 Determinants of Mode Choice in Unfamiliar Environment: Insight from New Delhi | GEETAM TIWARI | Paranjyoti Lahkar, B.Tech; Dr Ssl Sarma; Prof Geetam Tiwar |
| (97) | Public Transport in Asia (1) | R9 | 9/11(Fri.) 1445-1600 |
| PP1235 | The Two-Stage Evaluation Model of Demand Response Transit Services | Tsung-Hua Chiu | S. K. Jason Chang; Ya-Wen Chen; Te-Shao CHEN; Cheng-Kun Yan; |
| PP1329 | Governing Public Transport Improvement Program in Indonesia - Comparative Case Study of Trans Musi Palembang and Trans Metro Bandung | Sudarmanto Budi Nugroho | Sudarmanto Budi Nugroho, Dr; Eri Zusman, Dr |
| Chair | PP1502 Proposed BRT Corridor in Dhaka : Is It A Sustainable Solution? | Sirajum Munira | Sirajum Munira, Masters |
| (98) | Public Transport in Asia (2) | R9 | 9/11(Fri.) 1615-1730 |
| PP1341 | Dignity of Travel: BRT Development in the Philippines | Cresencio Montalbo Jr. | Cresencio Montalbo Jr, Ph.D. Colin Brader |
| PP1370 | Performance Level Analyses of Public Transportation Using Importance Performance Analysis Method | Nursyamsu Hidayat | Nursyamsu Hidayat |
| Chair | PP1336 Comparison Analysis of the Livelihood Profile of Informal Transport Workers in South and Southeast Asia | Sudarmanto Budi Nugroho | Sudarmanto Budi Nugroho, Dr |
| (99) | Bus Operation and Planning (1) | R9 | 9/12(Sat.) 0900-1015 |
| PP1384 | Urban Bus Network Design Using Genetic Algorithm and Map Information | Masamichi Takakura | Masamichi Takakura; Takashi Furuta; Mikiko Sode Tanaka; |
| PP1574 | Urban Bus Transportation System Design based On Optimization Theory | Takashi Furuta | Takashi Furuta; Masamichi Takakura; Mikiko Sode Tanaka; |
| Chair | PP1254 Factors Affecting Bus Ridership With Respect To Passenger Demography: Case Study Of Seberang Perai, Pulau Pinang, Malays | Ahmad hilmy abdul Hamid | ahmad hilmy abdul hamid, Ph.D Nur Amirah Mohd Nuf |
| (100) | Bus Operation and Planning (2) | R9 | 9/12(Sat.) 1030-1145 |
| PP1581 | Reform of Bus Operating System in the Seoul Metropolitan Areas in Korea | Young Jong KWON | Young-Jong KWON, Ph.D. |
| PP1219 | Assessment of Metro Manila Bus Fare Computation | Sylvia Chavez | Sylvia Chavez; Hilario Sean Oban Palmiano, D. Eng |
| Chair | PP1285 Sustainable Transport Development in Nepal: Challenges and Opportunities Strategies | Ramesh Pokharel | Ramesh POKHAREL, M.D.; Sury Raj ACHARYA |
| (101) | Transportation Planning and Policy in Asia (5) | R9 | 9/12(Sat.) 1315-1430 |
| PP1286 | Mobile Professionals @work with their smartphones in the Greater Jakarta Area: Urban Travel Pattern toward the Connected Era | Gloriani Novita Christin | Gloriani Novita Christin, M.Sc Ofyar Z Tamin; Idwan Santoso; Miming Miharja |
| PP1288 | An Analysis on the Accessibility Level of Public Transit for Persons with Disability: in case of Light Rail Transit (LRT 1) | Geoffrey Cueto | Geoffrey Lastrilla Cueto |
| Chair | PP1539 Changes in the traffic of heavy goods vehicles through the Polish eastern border against the backdrop of road infrastructure development and geopolitics | Tomasz Komornicki | Tomasz Komornicki, PhD; Piot Rosik |
| (102) | Transportation Planning and Policy in Asia (6) | R9 | 9/12(Sat.) 1445-1600 |
| PP1215 | How Effective are Cordon and Distance-Based Pricing at Reducing CO ₂ Emission? | Nafan Arifian | nafan arifian, MSc; Zudhy Irawar Simon Shepherd |
| PP1175 | Scheme of Security Equipment Layout in Large Passenger Railway Station | Xi Zhang | Xi Zhang; Yi Zhao; Zhu Huan Li |
| Chair | PP1328 Determinants of Demands of Pasig River Ferry Service | Mapua Institute of Technology | Francis Aldrine Abalos Uy, Ph.D. |
| (103) | Public Transport in Asia (7) | R9 | 9/12(Sat.) 1615-1730 |
| PP1399 | Public Transport Reform in Indonesian Cities | Anugrah Ilahi | Anugrah Ilahi, M.Sc.; Achma Izzul Waro; Petrus Sumarsono; Martin Smoliner, Dipl.-Ing.; Anabe A. Abuzo, Dr |
| PP1292 | Environmentally Sustainable Paratransit | Martin Smoliner | |
| PP1476 | Estimating Riding Frequency Change of Community-bus by LOS Change Bus Operation - A Case Study on "Kururin-bus" in Nishin City, Japan | Naoyuki Ito | Ito Naoyuki; Yukimasa Matsumoto; Atsushi Suzuki |

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| (104) Public Transport in Asia (9) | | R9 | 9/13(Sun.) 0900-1015 |
| PP1194 | Evaluating TransJogja Service Quality based on User Perceptions and Expectations | Aleksander Purba | Aleksander PURBA, Master Fumihiko NAKAMURA; Shinji TANAKA; Peamsook SANIT; Ryo ARİYOSHI |
| PP1277 | A Design for Silver Star Integrated Green Bus Terminal | Geoffrey Cueto | Geoffrey Lastrilla Cueto |
| Chair PP1369 | Improving Public Transport Intermodality: Temporal Integration of Transport Services at Interchange: | Vahid Poorjafari | Vahid Poorjafari; Wen Long Yue Nicholas Holyoak |
| (105) Terminal Planning | | R9 | 9/13(Sun.) 1030-1145 |
| PP1289 | Factors Influencing the Parking Demand of the Park and Ride Facility Putrajaya Public Transportation Terminal | Sharifah Adibah Alyia Syed Adnan | Sharifah Adibah Alyia Syed Adnan |
| PP1351 | A Study on Spatial Design and Usability of Station Plazas for Compact City Planning | Sho Kashima | Abdul Azeez KADAR HAMS# Sho Kashima; Kenji Doi; Takano Sunagawa; Hiroto Ino |
| Chair PP1207 | An Integrated Model to Evaluate the Level-of-Service of Urban Rail Transfer Facilities in Consistent with User Perception | Jeong Whon Yu | Dongsu Kang; Sunyoung Park Jinsu Lee; Heechan Kang; Jeong Whon Yu, Ph.D. |
| (106) Public Transport in Asia (10) | | R9 | 9/13(Sun.) 1315-1430 |
| PP1139 | An Analysis of Metro Manila MRT-3 Passengers' Perception of The Commuting Experience and Its Effects Using Structural Equation Model | Andra Charis S. Mijares | Andra Charis Sebob Mijares M.Eng.; Mio Suzuki; Tetsuo Ya Ho Lee, Ph. D.; Bongseok Yoo |
| PP1317 | Development of Metro Congestion Information System for a Mobile Device | Ho Lee | Kibaek Jang; Youngsoo Kim; Wooksu Lee |
| Chair PP1484 | Recent Change and Improvement of Urban Public Transportation in Great Jakarta | Harun al-Rasyid Lubis | Harun al-Rasyid Lubis, Ph.D Muhammad Farda; Philip Saye |
| (107) Urban and Regional Planning (1) | | R10 | 9/11(Fri.) 1445-1600 |
| PP1164 | Assessment of Accessibility to Urban Facilities for Better Urban Structure | Atushi SUZUKI | Atsushi SUZUKI, Ph.D; Hiroyuk SUZUKI |
| PP1185 | Opinion Survey about Pedestrianization of Heritage Sites in the City of Iloilo Philippines | Alexis Fillone | Alexis Morales Fillone, Ph.D. Frederick Sosuar |
| PP1501 | Estimation of Hourly Mesh Population in Future Compact City using Mobile Spatial Statistics: The Case of Obihiro City, Japan | Mikiharu ARIMURA | Mikiharu ARIMURA; Takum ASADA; Amane KAMADA# |
| (108) (IRG-18 -2012)Strategies for a Sustainable Transportation Path for Small- and Medium Cities | | R10 | 9/11(Fri.) 1615-1730 |
| PP1250 | Mode Shift Behavior of Bus Passengers to Rail System under Improved Rail Operations | Alexis M. Fillone | Alexis Morales Fillone, Ph.D. Germaine Ann Dilay |
| PP1251 | Analysis the Needs for Express Railway Services to Support Multiple Airports System of Greater Jakarta | Suwardo | Suwardo Suwardo, Ph.D.; Ima HARYANTO; Wiryanta Wiryant |
| PP1283 | Evaluating Proposed Transportation Infrastructure Projects in Metro Manila Using the Transport Co-Benefit Analysis | Alexis Fillone | Alexis Morales Fillone, Ph.D. |
| PP1437 | Walkability Measures for City Area in Indonesia (Case Study of Bandung) | Sony S Wibowo | Sony Sulaksono Wibowo, PhD Natalia Tanan; Nuryani Tinumbi |
| (109) (IRG-22-2013)Integrated sign systems for non-motorized transport and transit users | | R10 | 9/12(Sat.) 0900-1015 |
| PP1174 | Comparative Analysis of Traffic Accident Probability Based on Location and Bicycle Travel Direction Considering Number of Intersections between Origin and Destination for Bicycle User | Keiichi Ogawa | Keiichi Ogawa, Dr. Eng. |
| PP1223 | Evaluation of Pedestrian Sign System in a Shopping and Business Tower Complex | Wataru Oniki | Wataru Oniki; Hiroshi tsukaguchi; Upali Vandebona |
| PP1229 | Analysis of Path Finding Errors of Pedestrians with a new Direction Sign System | Hiroshi Tsukaguchi | Hiroshi Tsukaguchi; Upali Vandebona; Hayato Mukai; Yoongho Ahr |
| (110) (IRG-15-2009) Sustainable Transport Futures for Cities in Asia and the Pacific: Trends and Opportunities | | R10 | 9/12(Sat.) 1030-1145 |
| PP1115 | Service Quality Attributes for Public Transportation in Indonesian Cities | Tri Basuki Joewono | Tri Basuki Joewono, Ph.D.; Djoeri San Santoso |
| PP1192 | Classification Analysis of Students' Trip Chain in Bandung, Indonesia and Interpretation | Tri Basuki Joewono | Tri Basuki Joewono, Ph.D. Muhamad Rizki |
| PP1241 | Exploring Indigeneity of Inland Waterway Transport (IWT) in Asia: Case studies of Thailand, Vietnam, the Philippines, and Indonesia | Dadang Utomo | Iderlina B. MATEO-BABIANO Dadang Meru Utomc |
| PP1390 | Public Bicycle Sharing Program in Asian Cities | Iderlina Mateo-Babiano | Iderlina B. MATEO-BABIANO |
| (111) Public Transport in Asia (8) | | R10 | 9/12(Sat.) 1315-1430 |
| PP1472 | The Impact of Public Transport Subsidy on Social Inclusion: The Case of Free Train Policy in Thailand | Tithiwach tansawat | Tithiwach Tansawat, M.D. Kunihiko Kishi; Supornchai Utainarumol; Piyapon rudi sugiono suyono, MT; Ofyar Z Tamin; Sony Sulaksono Wibowo; Heru Purboyo HI |
| PP1504 | The Problematic in Implementing Mass Transit in Developing World | RUDI SUGIONO SUYONO | Veng Kheang PHUN, Doctor of Engineer; Iv LIM; Tetsuo YAI |
| PP1297 | The characteristics of paratransit operation and fare in Phnom Penh | PHUN Veng Kheang | |
| (112) Transportation Planning and Policy in Asia (7) | | R10 | 9/12(Sat.) 1445-1600 |
| PP1248 | Accessibility to Public Transport Systems in Emerging Countries | Vu Anh Tuan | Anh Tuan Vu, Ph.D.; Duong Thanh SON |
| PP1178 | Evaluation of Compliance of Dimensions and Selected Systems as Components of Customized Local Road Vehicles (CLR) with Vehicle Regulations and Standard | Karl Vergel | Karl B. Narciso Vergel, Dr.Eng. Rachel Habana; Nonilo Peña; Loreto Carasi; Albert Mariño |
| PP1179 | Using ordered probit modeling to assess perceived bus performance in Phnom Penh | PHUN Veng Kheang | Veng Kheang PHUN, Doctor of Engineer; Pharinet PHENG; Tetsuo YAI |
| (113) (IRG-24-2013)Viability of Public Transport Harmonizing System with Para-Transit | | R10 | 9/12(Sat.) 1615-1730 |
| PP1169 | State of the Art of Paratransit Literatures in Asian Developing Countries | PHUN Veng Kheang | Veng Kheang PHUN, Ph.D student; Tetsuo YAI |
| PP1359 | Fuel Economy of Public Utility Jeepneys Using 2% and 5% Coco-Meth Ester (CME)-Diesel Blends | Edwin Quiros | Edwin Quiros; Karl B. Narciso Vergel, Dr.Eng |
| PP1383 | A Comparative Study on Road-based Urban Public Transport Policies in Six Asian Countries from the Viewpoint of Governance, Urban Planning, and Financial Aspects | Yasunori MUROMACHI | Yasunori Muromachi; Iv LIM Achmad WICAKSONO; Karl VERGEL; Kasem |
| PP1389 | Road-based Urban Public Transport and Paratransit in Six Asian Countries: Legal Conditions and Intermodal Issues | Achmad WICAKSONO | CHOCHARUKUL; Van TAN Achmad WICAKSONO; Iv LIM Yasunori Muromachi; Karl VERGEL; Kasem |

| (114) Freight Transportation and Logistics (8) | | R10 | 9/13(Sun.) 0900-1015 |
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| PP1113 | Level of Transportation Infrastructure and Public Utility Readiness for TI Investors in Myanmar, Cambodia and Lao PDR Economic Zon | Jittichai Rudjanakanoknad | Jittichai Rudjanakanoknad, Ph.D |
| PP1262 | Analysis of Vulnerability in Multinational Retailing Delivery Service System: A Case Study of FamilyMart and Circle 1 | YuKai Huang | Yu-Kai Huang, Ph. D.; CHENG MIN FENG |
| PP1331 | OPTIMIZATION Of Rattan Raw Material Supply Chain Route Case Study: Rattan Katingan Indonesia | Nurlaela Kumala Dewi | Nurlaela Kumala Kumala Dewi; MT; Pradono Pradono; Miming Miharja; Gatot Yudoko |
| (115) (IRG-17-2011) Logistics in Asia: Interdependent Supply Chain and Advancement of R10 | | R10 | 9/13(Sun.) 1030-1145 |
| PP1371 | Evaluating the Routing Strategies for the Delivery between Distributive Centers and Retail Outlet | Kuancheng HUANG | Kuancheng Huang; Lichun Chang; Kuanying Lee |
| PP1408 | Multicommodity Flow Model for Multimodal Transportation Planning | Thanat Rungwanichsukanon | Thanat Rungwanichsukanon; Manoj Lohatepanon |
| PP1416 | Multi-Objective Location Selection Model for Thai Red Cross's Relief Warehouses | Lapon | Lapon Kedchaikulrat; Manoj Lohatepanon |
| PP1582 | Hinterland of Vietnamese ports and international transport corridor in Greater Mekong Subregion | Ryuichi SHIBASAKI | Ryuichi SHIBASAKI, Dr. Engl. Masaru SUZUKI; Takashi SHIMADA; Hiroki KOHNO |
| (116) WCTRS & EASTS Joint Special Session: Disaster Resilience in Transport | | R10 | 9/13(Sun.) 1315-1430 |
| Moderator: Lu Huapu, Tsinghua University | | | |
| Speakers: | | | |
| 1. Transportation and Disaster Resilience in the Philippines and Australia (Iderlina Mateo-Babiano, The University of Queensland) | | | |
| 2. Modelling Agents' Behaviour in the Context of River Floods: An AntColony based Approach (Ismail Saadi, Mario Cools, Ahmed Mustafa, Jacques Teller and Sabine Limbourg, The University of Liège) | | | |
| 3. Stability study of an improved car-following model considering driving behaviors in heavy fog (Jing Shi and Jinhua Tan, Tsinghua University) | | | |
| 4. A Resilience Evaluation Framework in Transportation Infrastructure (Liao pinchao, Tsinghua University) | | | |
| (117) SS1: High Speed Railway & Regional Economic Development | | R11 | 9/12(Sat.) 1315-1430 |
| Moderator: Jaehak Oh, Vice President of The Korea Transport Institute (KOTI) | | | |
| Speakers: | | | |
| 1. Introduction to International Research and Publication on High Speed Railway (Jaehak Oh, The Korea Transport Institute) | | | |
| 2. International Comparison on High-Speed Railway Impacts and Station Area Development- Japan, Korea, and Taiwan (Shintaro Terabe, Tokyo University of Science)[PP1549] | | | |
| 3. Evaluation Method of Regional Economic Impact of High-speed Railway Development Considering Effects on Tourism Demand (Tetsuji Sato, Chiba Institute of Technology)[PP1125] | | | |
| 4. An Empirical Analysis on the Relationship between Korea High-Speed Rail and Regional Industrial Employment Change (Youngkook Kim, The Korea Transport Institute) | | | |
| Panelists | | | |
| Shigeru Morichi, National Graduate Institute for Policy Studies | | | |
| Cheng-Min Feng, National Chiao Tung University | | | |
| Seung-Pil Kang, Seoul National University | | | |
| (118) SS2: Institutions for Railway Development in Asian Cities: Prospects for PPP | | R11 | 9/12(Sat.) 1445-1600 |
| Moderator: | | | |
| Prof.Dr. Shigeru Morichi, National Graduate Institute of Policy Studies (GRIPS), Tokyo | | | |
| Presenters: | | | |
| Prof. Dr. Pichai Taneerananon, Prince of Songkla University, Civil Engineering) | | | |
| Dr. Surya Raj Acharya, Visiting Faculty, Tribhuvan University, Institute of Engineering, Nepal | | | |
| Prof. Dr. Cheng-Min Feng, Professor, National Chiao Tung University, Dept. of Transportation and Logistics Management) | | | |
| Prof. Dr. Primitivo C CAL, University of the Philippines, Planning & Development Research Foundation, Inc. | | | |
| Prof. Mohamed Rehan Karim, University of Malaya, Department of Civil Engineering) | | | |
| Dr. Vu Anh Tuan, Vietnamese-German University (VGU), Vietnamese-German Transport Research Centre. | | | |
| Prof. Dr. Zhao Shengchuan, Dalian University of Technology, School of Transportation and Logistics | | | |
| Prof. Dr. Sutanto SOEHODHO, University of Indonesia, Dept of Civil Engineering | | | |
| (119) SS3: Building Sustainable Urban Logistics System in East Asia | | R11 | 9/13(Sun.) 1315-1430 |
| Moderator: Jaehak Oh, Vice President of The Korea Transport Institute (KOTI) | | | |
| Speaker: | | | |
| ChoongYeol Peter Ye (KOTI) | | | |
| Tetsuro Hyodo (Tokyo University of Marine Science and Technology), | | | |
| Shengchuan Zhao (Dalian University of Technology), | | | |
| Jun Castro (University of the Philippines) | | | |
| Yu-Kai Huang (Nanhua University) | | | |

Poster presentations

| Poster I | | | 9/11(Fri.) 1415-1515 |
|-----------|---|------------------------|--|
| Paper No. | Title | Presenter | Authors |
| PP1120 | Operational Assessment of Speed Priority for High-Occupancy Vehicle Lanes over General-Purpose Lanes | CHIH-LIN CHUNG | CHIH-LIN CHUNG |
| PP1135 | Promoting Public Transport for Sustainable Urban Development in Hanoi | Thuy Thu Trinh | Thuy Thu Trinh, MA |
| PP1143 | Evaluation of Fully Extracted ASBUTON Proportion in the Petroleum Asphalt Mixes Within the Frame of Viscoelastic Behavior | Harmein Rahman | Harmein Rahman, Dr.; Bambang Sugeng Subagio; Eva Wahyu |
| PP1157 | Linking social network analysis with the analytic hierarchy process for visualizing knowledge domains in assessing academic performance - the case of Taiwan's Intelligent Transportation System: | Ruei-Jhih Jian | Chi-Chung Tao; Ruei-Jhih Jian |
| PP1181 | Developing Safety Performance Functions and Crash Modification Factors for Korean Rural Multilane Highways by Using Random Parameter Negative Binomial Model | Joonbum LIM | Joonbum LIM; Soobeom Lee; Joonki KIM |
| PP1206 | Possibilities of Applying Public Private Partnership in Urban Transportation and its Outcomes | Batkhurel Gombodorj | Batkhurel Gombodorj |
| PP1220 | Prioritization of High Speed Rail Project | VARMA Kamlesh Kumar | Kamlesh Kumar VARMA, B.Tech; Makoto Shimamura |
| PP1233 | Study on Calibrating the Volume Delay Functions of the Travel Demand Model on Expressways Using a Genetic Algorithm | Kyung Hyun KIM | Yun-Taik CHOI; Kyung Hyun KIM; Sangmin PARK; Eum HAN; Jeehyung PARK; Ilsoo YUN |
| PP1243 | Study on Electric Bicycle Use in Vietnam | Trinh Thu Thuy | Thuy Thu Trinh, MA |
| PP1244 | Development of realistic driving route calculation algorithm considering lane-changing time | Inchul Yang | Inchul Yang, Ph.D.; Woo Hoon Jeon; Hyung-Jin Kim; Hyunmyung |
| PP1269 | Customer Satisfaction Analysis of the Luxury Long Distance Bus Service in Sri Lanka | Djoen San Santoso | Djoen San Santoso; DMW Kanishka KUK Rambukwella |
| PP1281 | Countermeasure Analysis of Urban Basic Parking Lot Shortage Based on Economic Means | Jing SHI | Jing SHI; Enda Wang |
| PP1290 | Reforming Integrated Land-use Transport Systems to be Sustainable by Evaluating QOL Performance against CO2 Emission | Fumei GU | FUMEI GU |
| PP1337 | Traffic Noise Measurement, Perception, and Modelling in a University Campus | Hilario Sean Palmiano | Hilario Sean Obana Palmiano, D. Eng.; John Carlo Villar; Michelle Monelle Quilatan |
| PP1388 | Comparative Study on Essential Data of Motorcycles for Different Socio-Economic Areas / Regions in Vietnam | Duong Thi Mai HOA | Nguyen Huu DUC; Duong Thi Mai Hoa; Nguyen Thien Huong; Nguyen Ngoc Bao |
| PP1393 | Motorcycles in Vietnam: on Essential Data until 2014 and on Different Impacts of Socio-economic Conditions for Long- and for Short-term | Nguyen Huu DUC | Nguyen Huu DUC; Duong Thi Mai Hoa; Nguyen Thien Huong; Nguyen Ngoc Bao |
| PP1404 | Yangon's Urban Transportation: Traffic Demand and Its Quality of Service | Momoko Kojima | Momoko Kojima; Takayoshi Futose; Le Binh Phan; Hironori |
| PP1410 | Trip Characteristics of Commuters Accessing Rail Transit by Considering Distance and Slope with Integration of Public Bus as a Feeder | Djoen San Santoso | Djoen San Santoso; Kunihiro Sakamoto; Masaru Yajima; Hisashi |
| PP1434 | Development and Effective Use of a Wire Rope Guardrail System for Two-lane Roads in Japan | Masayuki Hirasawa | Masayuki HIRASAWA; Tetsuya Takada; Tateki Ishida |
| PP1444 | Making the Connection between Transport Disadvantage and Motorcycle Usage of Low-Income People in Yogyakarta Urbanized Area | Yori Herwangi | Yori Herwangi, MURP; Pradono Pradono; Ibnu Syabri; Iwan |
| PP1489 | A STUDY ON THE INTERPLAY OF TRAFFIC INFORMATION, SIGNAL CONTROL AND DRIVERS | Inchul Yang | Inchul Yang, Ph.D. |
| PP1496 | Study on Determining of Construction Priority of Highway Database using the GIS-based Method and AHP | | Sungpil SHIN; Dukgeun Yun, Ph.D.; Inchul YANG |
| PP1497 | Study on Traffic Control Sign Recognition using Support Vector Machine | | Dukgeun Yun, Ph.D.; Seonghoon KIM; Jaehong PARK; Yankki |
| PP1532 | Estimating Congestion Cost In Delhi, India | Mohsin Manzoor Janwari | Mohsin Manzoor Janwari, B.tech; Geetam Tiwari; Mohan Rao |
| PP1552 | PUBLIC AND PRIVATE PARTNERSHIP IN PUBLIC TRANSPORTATION SERVICE | Batkhurel Gombodorj | Batkhurel Gombodorj |
| PP1559 | TOKYO ROAD NETWORK GRIDLOCK AFTER THE GREAT EAST JAPAN EARTHQUAKE | Yutaro Kiyota | Seiji Iwakura, Dr.; Yutaro Kiyota; Yasuhiro Nonaka |
| PP1562 | Assessing the Relevance of Traffic Impact Assessment (TIA) in Kathmand Valley | Kamal Kumar Sah | Kamal Kumar Sah, M.Sc. |
| PP1583 | Economic Valuation of the Bimodal Tram | Ilsoo YUN | ILSOO YUN, Ph.D.; Kyung Hyun KIM; Sangmin PARK; Sang Soo LEE; Jeong Whon Yu |

| Poster II | | | 9/12(Sat.) 1000-1100 |
|-----------|--|------------------------------|--|
| Paper No. | | Presenter | Authors |
| PP1137 | Public Satisfaction with Service Quality of Daewoo Urban Bus Service in Lahore | Muhammad Ashraf Javid | Muhammad Ashraf Javid, Ph.D.; Toshiyuki Okamura; Fumihiko Nakamura |
| PP1141 | Analysis of Efficient Public Transport Network Using Smart Card Data and Simulation Approach in Takamatsu, Japan | Masanobu Kii | Masanobu Kii, Ph.D; Jun-ichi TERAO; Kazuki NAKAMURA |
| PP1142 | Determinants of Certificate of Entitlement Premium for Cars under Vehicle Quota System in Singapore | Qiang Meng | Qiang Meng; Zhaoyang Lu |
| PP1146 | Public private partnership is one of the main instruments of development of transport and logistics in Mongolia | Unursaikhan Dambadorj | Unursaikhan Dambadorj, Ph.D |
| PP1176 | Analysis on characteristics of passenger car and motorcycle fleets and their driving conditions in developing country: a case study in Ho Chi Minh City, Vietnam | Chu Tien Dung | Tien Dung Chu, M.D; Tomio Miwa; Hitomi Sato; Takayuki Morikawa |
| PP1196 | Trip attraction, trip distribution, and modal split for columbarium trips | W.H. YANG | WAI YUEN SZETO; Jonathan YEUNG; R.C.P. Wong; W.H. Yang |
| PP1210 | Improvement Measures for Railway Station Parking Lots Based on Universal Design | KIM HYUN JU | HYUNJU KIM, JANGWOOK KIM, Ph.D, YOUNG-TAEK OH, JINHEE KIM, SUNG-PIL CHOI |
| PP1214 | Development of Four Stage Travel Demand Model and Identification of Feeder Route for the NCT of Delhi | R Rejitha Nath | R Rejitha Nath; Ravi Sekhar Chalumuri, PhD; Madhu Errampalli |
| PP1215 | How Effectives are Cordon and Distance-Based Pricing at Reducing Co2 Emission? | nafan arifian | nafan arifian, MSc; Zudhy Irawan; Simon Shepherd |
| PP1232 | Sentiment Analysis on Expressways Using Opinion Mining and Tweets | Eum HAN | Doo-Pyo Hong; Hwanpil LEE; Eum HAN; Kyung Hyun KIM; Hangeom KO; Ilsoo YUN |
| PP1239 | Bi-level Transit Subsidy Optimization Models under Ecological Footprint Constraints | Yu-Chiun CHIOU | Yu-Chiun Chiou; Pang-Cheng LIU |
| PP1245 | Operational Performance of the Taiwan Railways Administration First-Class Stations - A Combined AHP and DEA Analytical Approach | Chih-Peng Chu | Chih-Peng Chu; Yu-Yu Lin; Kuo-Cheng Chung; Cheng-Chieh Chen; Shou-Ren Hu |
| PP1352 | Towards Carbon Dioxide Emission Reduction through Public Transport Revitalization: Case of Proposed Surabaya Tram Transit Project | Pradono | Pradono Pradono, Dr.Eng.; Iwan P. Kusumantoro; Argasadha |
| PP1356 | Modeling Pedestrian Presence Probability on Signalized Crosswalks for the Safety Assessment Considering Crosswalk Length and Signal Timing | XIN ZHANG | XIN ZHANG, M.D.; HIDEKI NAKAMURA |
| PP1366 | Calibration of the number of registered vehicles for estimating the regional vehicle emissions | Hahn Jin-Seok | Jin-Seok Hahn; Hye Ran Kim |
| PP1368 | A Passengers Matching Problem in Ridesharing Systems by Considering User Preference | Phathinan Thaitatkul | Phathinan THAITHATKUL; Toru SEO; Takahiko KUSAKABE; Yasuo ASAKURA |
| PP1369 | Improving Public Transport Intermodality: Temporal Integration of Transit Services at Interchanges | Vahid Poorjafari | Vahid Poorjafari; Wen Long Yue; Nicholas Holyoak |
| PP1377 | A Theoretical Overview on Effects of Road Humps on Traffic Speed, Noise and Volume in Improving Residential Living Environment | Khairun Sarah Radhiah Bachok | Khairun Sarah Radhiah Bachok, Ph.D in Built Environment; Abdul Azeez Kadar Hamsa; Mohd Zin Mohamed; Mansor Ibrahim |
| PP1392 | A Macro-Micro Model under Mixed Traffic Flow Conditions | Chih-Wei HSIEH | Yu-Chiun Chiou; Chen-An SUN; Chih-Wei HSIEH |
| PP1406 | THE OPPORTUNITY TO IMPROVE COAL TRANSPORTATION, RESOURCES AND ENVIRONMENT | Batbayar Balgan | Batbayar Balgan, Ph.D |
| PP1420 | Key Factors to Affect Elderly Pedestrian Travel Behavior Using a Multi-level Regression Model : A Case for Seoul | sung taek Choi | sung taek choi, Ph.D; sangho choo; hyangsook lee; jinyoung jang |
| PP1425 | Revealing the Vacant Taxi Customer-search Patterns during Extreme Weather: Insights for Policy Measures | W.H. Yang | R.C.P. Wong; W.H. Yang; WAI YUEN SZETO; S.C. Wong |
| PP1433 | About pedestrian crossing safety in Ulaanbaatar | Erdenetuya Amgalan | Erdenetuya Amgalan, M.D. |
| PP1471 | An analysis of causes to damages for rural roads in the Northern mountainou region of Vietnam and an orientation to solutions | Do Duy Dinh | Do Duy DINH, MSc |
| PP1494 | Problems of metropolitan traffic organization and ways to solve them | Erdenetuya Amgalan | Erdenetuya Amgalan, M.D. |
| PP1498 | Simulation and Evaluation on Schemes of Trains Operating Organization for Shuohuang Railway on RailSys | Yi Zhao | Yi Zhao; Wei Cao; Xi Zhang |
| PP1512 | Study of Functional index of Bus in Seoul metropolitan area by Smart card data | donguk jang | donguk JANG; yung in Lee |
| PP1541 | Modelling Travellers' Behaviour at Connection point: A Case Study of Dalian High Speed Rail | Jacqueline Shula Nayame | Jacqueline Shula Nayame; Shengchuan Zhao; Bai Dandan |
| PP1557 | Current Public Transport Service Operating Characteristics Along Epifanio Delos Santos Avenue (EDSA), Metro Manila | Krister Roquel | Krister Ian Daniel Zafrá Roquel; Alexis Fillone |
| PP1569 | Integrating Sustainable Non - Motorized Public Transport in the City of Manila, Philippines Through Analytic Hierarchy Process (AHP) | Jocelyn Buluran | Jocelyn Buluran |
| PP1589 | Comparative Analysis on Results of Using Dual Fuel Diesel-LPG for Buses | bayarsuren badarch | bayarsuren Badarch, Ph.D |

| Poster III | | | 9/12(Sat.) 1415-1515 |
|------------|---|-----------------------------------|--|
| Paper No. | | Presenter | Authors |
| PP1132 | Travel Time Prediction for Time-Table-Based Vehicles Traveling on Known Routes | Huey-Kuo Chen | Huey-Kuo Chen, Ph.D. |
| PP1138 | Optimization of the Durability of SINOTRUCK HOWO-371 Truck Used in DARKHAN Steel Company | Myagmarjav Jigijav | Myagmarjav Jigijav |
| PP1140 | Traffic Safety Trend in Mongolia | Bayarsaikhan Bayasgalan | Bayarsaikhan Bayasgalan, Ph.D |
| PP1144 | Hear but Failed to Listen Errors in Making Safe Road Crossing Decision: A Preliminary Study | Nur Aini | Nur Aini Rosli; Choy Peng Ng; Teik Hua Law |
| PP1155 | Development and Validation of a Roundabout Entry Capacity Model Considering Pedestrians under Japanese Conditions | Nobuto KANBE | Nan KANG; Nobuto KANBE; Hideki NAKAMURA; Shinji |
| PP1165 | Analysing the behaviour and performance of Neural Network Trij Distribution Models toward Different Hidden Layer and Node Numbers | GUSRI YALDI | GUSRI YALDI, PhD |
| PP1171 | A Deeper Insight of Neural Network Spatial Interaction Model's performance Trained with Different Training Algorithms | GUSRI YALDI | GUSRI YALDI, PhD |
| PP1180 | Exploring trip fuel consumption by machine learning from GPS and CAN bus data | Weiliang Zeng | weiliang zeng; Tomio Miwa; Takayuki Morikawa |
| PP1182 | Air freight logistics chain realized by the unmanned aircrafts and its management arrangements and the future | Erdenebat Batzorig | Erdenebat Batzorig, Ph.D |
| PP1189 | Using Ecological Footprint Model for Port Ecosystem Sustainability Assessment | Zijian Guo | Zijian Guo; Qi Zhang; Wenyuan Wang; Can Wang |
| PP1199 | Evaluation of the Visibility of Pedestrians at Night by Changing the Road Environment | Hidekatsu Hamaoka | Hidekatsu HAMAOKA; Misaki SAITO |
| PP1201 | The Research for the Establishment Standard of Comprehensive Curve Section Lane Line by Simulator | Jiyeon Hong | Joonbum LIM; Soobeom Lee; Jiyeon Hong |
| PP1209 | Study on Road Sign Suitability Analysis Methodology in Road Sign Management System in South-Korea | Yoon Hee sung | Hee sung Yoon; In Taek Jung; Young Ihn Lee; Kyu Soo Chong |
| PP1216 | A Empirical Survey on port risk management in the Kaohsiung Port | Taih-Cherng LIRN | Taih-Cherng Ted LIRN, PhD; Kuo_chung Shang |
| PP1218 | Assessing Risk Factors for Pedestrian Fatal Crashes on National Highways in India | H M Naqvi | Hasan M. Naqvi, M. Planning(Transport planning); Geetam Tiwari |
| PP1230 | "Platinum Time" Operation Measures to Reduce Traffic Fatalities | Jun LEE | Jun LEE, Ph.D.; Gunyoung KIM; Hye rin AHN |
| PP1246 | Mixed Traffic Saturation Flows of Signalized Intersections in Motorcycle Dominant Cities | Vu Anh Tuan | Anh Tuan Vu, Ph.D.; Nguyen Dinh Vinh MAN |
| PP1293 | Analysis of the Impact of Abandoned Direct Air Routes on Inter-regiona Passenger Travel Flows in Japan | Yuto Shiraishi | Yuto Shiraishi; terumitsu hirata |
| PP1305 | Estimation of PET and Threshold Wait Time for Pedestrians on Busy Urban Corridor in Heterogeneous Traffic Environment: An Experience in Kolkata | Bhargab Maitra | Anush Konayakanahalli Chandrappa; Kinjal Bhattacharyya; Bhargab Maitra, Ph. D |
| PP1310 | Analysis on Speed Reduction at Curve Section on Two-Lane General Road by Sight Distance Estimated by Mobile Mapping System | Tetsuhiro ISHIZAKA | Tetsuhiro ISHIZAKA; Atsushi Fukuda; Tatsunori Sada |
| PP1316 | A Factor Analysis of the Traffic Accident Frequency by Type in Japanese Major Road Sections | Kazuki Watanabe | Kazuki Watanabe; Hideki Nakamura |
| PP1343 | On-street Parking Evaluation Divisoria, Cagayan De Oro City | Francis Vincent G. Camomot | David Jorey Alfaro; Francis Vincent Camomot; Allison Cyril Escalante; Hipolito Bair; Anabel Abuza |
| PP1447 | Direct over Indirect Container Transport for 'Remote' Areas: A Case for North Queensland? | Associate Professor Matthew Burke | Yong Wu; Matthew Ian Burke, Ph.D.; Jenny Cui; Peter Hall |
| PP1473 | A Study of Metro Manila's Public Transportation Sector By Implementing A Multimodal Public Transportation Route Planner | Chelcie Narboneta | Chelcie Garcia Narboneta, M.S.; Kardi Teknomo |
| PP1474 | The Effect of Supervised Riding on Young Motorcyclists' Riding Behaviour | Choy Peng NG | Choy peng ng, M.S. Highway and Transportation Engineering; Teik Hua Law; Nur Sabahiah Abdul Sukor; Nur Aini Rosli; Siti Noranis Asilah Asmah |
| PP1483 | Proposal of Synchronic Solutions to Enhance the Road Traffic Safety of Vietnam by 2020, and Driven by 2030 | Ly Huy Tuan or Nguyen Ngoc Thach | LY Huy Tuan, Ph.D |
| PP1508 | Passenger Intention to Help Drivers Driving Safely | Chi-Yen Lai | Hsin-Li Chang; Chi-Yen Lai; I-Wen Wu |
| PP1521 | Study on Applicating Emergency Vehicle Preemption Systems by Clustering Emergency Vehicle's Dispatching Velocity Patterns | Ki-Do Nam | Ki-Do Nam; Dae-Yong Sim; Seung-Young Kho; Dongik Ha |
| PP1528 | Factors to influence green shipping actions taken by carriers | Rong-Her Chiu | Rong-Her Chiu; Yin-Jia Huang; Shih-Chan Ting |
| PP1561 | Analysis on Marine Traffic Flow using Satellite AIS Data | Taro ARATANI | Taro ARATANI; Hiroshi MATSUKURA; Takahiro SETA; Takahiro MAJIMA |
| PP1565 | Fundamental Analysis of Airport Operation and Capacity in Disaster | Wataru Kodato | Wataru Kodato; Terumitsu Hirata |

| Poster IV | | | 9/13(Sun.) 1000-1100 |
|-----------|---|---------------------|--|
| Paper No. | | Presenter | Authors |
| PP1149 | Socioeconomic evaluation of Transit Oriented Development using by Detailed Spatial Scale CUE Model in Taiwan | Hikomichi Yamamoto | Hikomichi Yamamoto; Jumpei Sano; Kiyoshi Yamasaki; Kazuki Yanagisawa; Atsushi Koike; Morito Tsutsumi |
| PP1184 | Evaluating The Operational Performance of Signalized Intersections Involving U-turns in Aswan City, Egypt | Shinji TANAKA | Sherif Shokry Abd rabo, Mphil; Shinji Tanaka |
| PP1257 | Assessment of Sustainable Ecotourism Development: A Case Study of Gai Giong Ecotourism Park, Vietnam | Tu Anh Trinh | Tu Anh Trinh; Thi Phuong Linh Le |
| PP1266 | Design and Development of Passenger Terminal Extension of Clark International Airport | Jocelyn Buluran | Jocelyn Buluran |
| PP1270 | Motorcycle Growth and its Emission Contribution to Urban Air Pollution | Driejana | Driejana Driejana, Ph.D.; Filson Sidjabat |
| PP1303 | Towards Traffic Impact Analysis Model for Indonesia Case Study Trans Studio Mall Bandung | karda d yayat | Karda dede Yayat, Ph.D; boy kombaitan; pradono onodar; heru purboyo |
| PP1307 | Assessment of Alternative Pavement Options for Local Roads in Guimaras, Philippines | Nelson Doroy | Nelson Boysillo Doroy, M.A. in Transportation Planning; Alexis Fillone; Ramilo Villasis; Evan Arias; Reynaldo Asuncion |
| PP1323 | Understanding Pedestrian Movement at Rail Transit Station Ticketing Gate | Masria Mustafa | Masria Mustafa; Mohd Siddiq Farouq Md. Noor |
| PP1325 | Comparison of Fuel Economy of Fuel and Operating Characteristics of Diesel and Auto-LPG Jeeps through On-road and Vehicle Tests | Edwin Quiros | Edwin Quiros; Karl Vergel; Ernesto Batac Abaya, MS Civil Engineering; Ervin Santos; Jose Gabriel Mercado |
| PP1326 | Development of a Driving Risk Model based on Speed Choice: A Case Study for Evaluating Safety Effects of In-Vehicle Traffic Warning Information | Wonchul Kim | Wonchul Kim, Ph.D; Junyi Zhang; Akimasa Fujiwara |
| PP1350 | Drivers' travel information styles and adaptation behaviors to dynamic travel information about accidents on expressway | Ying JIANG | Yin g Jiang, M.D; Junyi ZHANG |
| PP1363 | A Study of Freight Facility Location in Tokyo Metropolitan and its Future | Mami Iwakata | Mami Iwakata, M.D.; Naohisa Okamoto; Haruo Ishida; Tetsuro |
| PP1365 | An Analysis of Start-up Behavior of Motorcycle Riders at Signalized Intersections in Hanoi, Viet Nam Considering the Effect of Traffic Countdown Signal | Dang Minh Tan | Tan Dang, Ph.D |
| PP1401 | AGENT-BASED MOBILITY SIMULATION MODEL FOR DISASTER RESPONSE VEHICLES | ELVIRA B. YANEZA | ELVIRA BUSTAMANTE YANEZA, M.I.T.; GERARDO DOROJA; ANABEL ABUZO |
| PP1407 | Exploring activity patterns of the Taipei public bikesharing system | inn-Tsai WONG | J. T. Wong; Chun-Yen CHENG |
| PP1409 | Least-cost Path and Multi-criteria Decision Analyses on the Sumatera High-Grade Highway Route Plans | Berlian Kushari | Berlian Kushari, M.Eng.; Agus Taufik Mulyono; Agus Hendratno |
| PP1424 | Sustainable Market Design for Short-trip Rideshares: Simulation Based on Bipartite Matching | Hirofumi Yotsutsuji | Hirofumi Dr.Eng. Yotsutsuji; Kuniaki Sasaki; Mitsuo Maruyama |
| PP1442 | Impact of supplements to produce sinter using iron ore powder concentrate o Tamir River | Ganbold Dashdorj | Ganbat Dashdorj |
| PP1448 | A Study of Reestablishing Emergency Road Traffic Due to Disaster Occurrence | Jaehyun Park | Jaehyun Park, Ph.D. |
| PP1456 | Developing Innovative Intersection Configuration: Planning Tool | Akhilesh Maurya | Avijit Maji; Prabhati Bhattacharya; Akhilesh Maurya |
| PP1479 | Measuring Area-Wide Road Travel Speeds in Urban Areas in Developing Countries - A Case Study in the Colombo Metropolitan Area | Hirohisa Kawaguchi | HIRONISA KAWAGUCHI, M. Sc., Yoshihisa Asada; Samarasinghe Maheshara; Hedeniya Ruwan; Simala Sudama |
| PP1480 | Influences of Motorcycle Use on Travel Intentions in Developing Countries: A Case of Ho Chi Minh City, Vietnam | Hoang Le Quan | Quan Le Hoang, M.D; Toshiyuki OKAMURA |
| PP1503 | Establishing Bus Route's Level of Service by using Smart Card and Stress Index | Young-Don Kim | Young-Don Kim; Young-Inn Lee |
| PP1518 | The Effect of Time Pressure and Traffic Volume on Aggressive Motorcycling Behavior of Motorcyclists | Dan Lwo | Hsin-Li Chang; Dan Lwo |
| PP1522 | Pedestrian Characteristic for Mid-Block Signalized Crossing in Jakarta | Endang Widjajanti | Endang Widjajanti, Ph.D |
| PP1534 | An Extended Potential Field Method for Pedestrian Route Choices Considering their Partial Vision | Weijie Wang | Weijie Wang, Ph.D. |
| PP1542 | Tram Signal Priority Strategy using Green Band Optimization Model | Youngje Jeong | Youngje Jeong; Junha Jeong; Gyeheong Ahn; Doowhan Doo; Cheolseung Hyeon; Hyerim Cho |
| PP1543 | Real-Time Signal Control Model based on Travel Time Data | Youngje Jeong | Youngje Jeong; Junha Jeong; Gyeheong Ahn; Gwangyong Ko; Nakwon Heo; Hyerim Cho |
| PP1545 | A Study on the Impacts of Traffic Circles on the Behavior of Through Traffic at At-grade Intersections in Hanoi, Vietnam | Dang Minh Tan | Tan Dang, Ph.D |
| PP1551 | A Comparative Study on Countermeasures against Taxi Oversupply in Metropolitan Cities -Cases of Tokyo and Seoul | Naoyuki TOMARI | Naoyuki TOMARI; Sangwook KANG |
| PP1554 | Congestion Alleviation Measures at Port Area -An Example of Chennai Port- | Akira Koyama | Makoto Mizutani; Akira Koyama; Norihiro Fukazawa; Hiroshi Kimoto |

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|--------|--|----------------|--|
| PP1558 | Safety Assessment of Auxiliary Lanes at Downstream of U-turns Using Relative Conflict Indexes | Inder Pal MEEL | Inder Pal Meel, M. Tech.; Brannolte Brannolte; Andreas Vesper; Attila Borsos |
| PP1573 | Why is Highway Closed Earlier due to Severe Weather? : Conditions and Factors underlying Differences between Road and Railway in Japan | Yusuke Kimura | Yusuke Kimura; Hiroaki Fujimori; Hitoshi Ieda |