



6.5 Poster Programme

*Presenting Author(s)

Monday, 27 May 2019	
A-B_PS1	
Time: 16:30-18:10	
Location: VMCC Canopy	
A-B_PS1_01	Aviation laws and air carrier liabilities in India U Vattipalli*, <i>Shiv Nadar University, India, IIT Delhi, India</i>
A-B_PS1_03	Reliability and delay modelling of Chhatrapati Shivaji Maharaj international airport, Mumbai P Paithankar*, G. Patil, <i>Indian Institute of Technology Bombay, India</i>
A-B_PS1_04	Modelling joint choice of airline and flight departure time with disaggregated data. Case study for Medellín, Colombia O. Mendieta ¹ , V Cantillo* ¹ , V Cantillo* ² , J. Cantillo ³ , ¹ <i>Universidad del Norte, Colombia</i> , ² <i>Universidad de los Andes, Colombia</i> , ³ <i>Unviersidad de Las Palmas de Gran Canaria, Spain</i>
A-B_PS1_05	Barriers to eLearning in rail A Fraszczyk* ¹ , J. Piip ² , ¹ <i>Mahidol University, Thailand</i> , ² <i>JP Research & Consulting, Australia</i>
A-B_PS1_06	The application of the CO₂MPAS model for vehicle CO₂ emissions estimation over real traffic conditions C. Mogno, G Fontaras*, V. Arcidiacono, B. Ciuffo, D. Komnos, M. Makridis, J. Pavlovic, V. Valverde-Morales, <i>European Commission - Joint Research Centre, Italy</i>
A-B_PS1_07	Development of medium-sized low-floor electric bus in Korea C. Kwon ¹ , J. Ban ² , S. Park ¹ , S. Park ¹ , S. Ryu ¹ , I Yun* ¹ , ¹ <i>Ajou University, Korea, Republic of</i> , ² <i>Woojin Industrial Systems, Korea, Republic of</i>
A-B_PS1_08	Power generation potential of piezoelectric harvesters and its application in auto estimation of traffic parameters A Zahid*, S Rifat*, M Hoque*, <i>Bangladesh University of Engineering and Technology, Bangladesh</i>
A-B_PS1_09	Red truncation model for bus signal priority at a T-intersection A Girijan*, B. Thonnam Thodi, B. Rama Chilukuri, L. Vanajakshi, <i>Indian Institute of Technology, India</i>
A-B_PS1_10	Integrated approach of entropy weight method and TOPSIS for selection of bridge construction method S. Kondawar, V. Varekar , K Sawant*, A. Shivsharan, <i>Veermata Jijabai Technological Institute, India</i>
A-B_PS1_11	A framework for analyzing collisions and near misses of commercial cyclists U Lachapelle* ¹ , D. Carpentier-Laberge ² , L. Ranger ¹ , M. Cloutier ² , ¹ <i>Université du Québec à Montréal, Canada</i> , ² <i>Institut National de la Recherche Scientifique, Canada</i>
A-B_PS1_12	The evolution of regional air transport connectivity in Europe: a comparison between remote and central areas F Porta* ¹ , A. Antunes ² , G. Martini ¹ , D. Scotti ¹ , ¹ <i>University of Bergamo, Italy</i> , ² <i>University of Coimbra, Portugal</i>
A-B_PS1_13	Transformation of tangible metaphor architecture in design process of sultan Hasanuddin International Airport terminal W Wasilah*, <i>Alauddin State Islamic University of Makassar, Indonesia</i>





A-B_PS1_14	A hierarchical approach to the prioritization of intermodal logistics platforms W Cunha* ¹ , R. Orrico Filho ² , S. Quadros ¹ , ¹ COPPETEC Foundation, Brazil, ² Federal University of Rio de Janeiro, Brazil
A-B_PS1_15	The kaldor–hicks criterion applied to economic evaluation of urban consolidation centers S. Isa ¹ , O Lima Jr* ¹ , R. Fioravanti ² , ¹ LALT UNICAMP, Brazil, ² IDB, USA
A-B_PS1_16	Two levels modeling of container choosing and mode choice between road and rail for increasing the containerized rail modal share S. Mohri, H. Haghshens, V Salehi*, <i>Isfahan University of Technology, Iran, Islamic Republic of</i>
A-B_PS1_17	Determination of factors for Dryport Location through Modified Delphi and AHP method-An Indian Scenario V G Mohan*, N. M.A., <i>National Institute of Technology, Calicut, India</i>
A-B_PS1_18	Model integrated freight terminal and automated freight management systems D Bharadwaj*, <i>Independent Researcher, India</i>
A-B_PS1_19	An Investigation into the losses in the Supply Chain Management of perishable goods A Shamboji*, C. Sabnani, <i>Visvesvaraya National Institute of Technology- Nagpur, India</i>
A-B_PS1_20	Development of road freight transportation distribution model based on vehicle transportation inter zone requirement J Akbardin* ^{1,2} , D. Parikesit ³ , B. Riyanto ² , A. Mulyono ³ , ¹ Universitas Pendidikan Indonesia, Indonesia, ² Universitas Diponegoro, Indonesia, ³ Universitas Gajah Mada, Indonesia
A-B_PS1_21	A new resiliency indicator with connected vehicle technology for freight S Chandra* ¹ , R Naik* ² , A. Nguyen ¹ , J. Jimenez ³ , ¹ California State University, USA, ² Indian Institute of Science Bangalore, India, ³ California State University, Long Beach, USA
A-B_PS1_22	A framework for smart freight mobility with crowdsourcing S Chandra* ¹ , R Naik* ² , J. Jimenez ¹ , ¹ California State University, USA, ² Indian Institute of Science Bangalore, India
A-B_PS1_23	Urban freight trip estimation using count data models N De Bakshi*, G Tiwari*, <i>Indian Institute of Technology, India</i>
A-B_PS1_24	Offline optimization of cab supply for ride-sharing applications using hypergraph matching N Singh*, T Rambha*, <i>Indian Institute of Science, India</i>
A-B_PS1_25	Time and cost based bi-objective optimization of the multi-model transportation system R Kapoor*, R Baraiya*, <i>Indian Institute of Management (IIM) Indore, India</i>
A-B_PS1_26	Performance degradation during sudden hazardous events: A comparative analysis of use of a phone and a music player during driving P Choudhary*, N. Velaga, <i>Indian Institute of Technology, India</i>
A-B_PS1_27	Gap acceptance behaviour at unsignalised intersections: Effects of use of a phone and a music player during driving P Choudhary*, N. Velaga, <i>IIT Bombay, India</i>





A-B_PS1_28	A comparative analysis of risk associated with eating, drinking and texting during driving at unsignalised intersections P Choudhary*, N. Velaga, <i>IIT Bombay, India</i>
A-B_PS1_29	Trip generation/attraction modelling for shopping malls of Mumbai metropolitan region S. Meena* ¹ , G. R. Patil ² , A. Mondal ³ ¹ <i>M.B.M. Engineering College, India.</i> ² <i>Indian Institute of Technology, India.</i> ³ <i>Indian Institute of Technology, Indi</i>

Tuesday, 28 May 2019

C_PS2

Time: 09:30 - 11:00

Location: VMCC Canopy

C_PS2_01	Providing an emergency evacuation model for the stadium (case study of Naghshe Jahan Stadium) A. Mahmudzadeh, M Ghorbani*, <i>Shakhes Pajouh Research Institute, Iran, Islamic Republic of</i>
C_PS2_02	Cointegration analysis of Income and vehicular growth in India: An ARDL approach S. Vijayalakshmi*, K. Raj, <i>Institute for Social and Economic Change, India</i>
C_PS2_03	Investigating the state of connected and autonomous vehicles: A literature Review N Shiwakoti*, P. Stasinopoulos, F. Fedele, <i>RMIT University, Australia</i>
C_PS2_04	An estimation method of OD matrix in non-congestion ring expressway W Hualan*, X. Jiaying, W. Zeyu, <i>Lanzhou Jiaotong University, China</i>
C_PS2_05	A methodology to estimate parameters of critical gap distribution D Vikram*, S. Agarwal, <i>BITS Pilani, Pilani Campus, India</i>
C_PS2_06	Developing methodology for calibrating vehicle-following models on intercity expressways using vehicular trajectories N. Raju, S Arkatkar*, G. Joshi, <i>Sardar Vallabhbhai National Institute of Technology, India</i>
C_PS2_07	Identification of effective intersection control strategies during peak hours A Vajeeran*, D. De Silva, <i>University of Moratuwa, Sri Lanka</i>
C_PS2_08	Operational Performance Comparison between Conventional Intersections and Two Unconventional Alternative Intersection Designs (UAIDs) Under Heterogeneous Traffic Conditions in Cairo, Egypt S. Shokry, S Tanaka*, F. Nakamura, R. Ariyoshi, S. Miura, <i>Yokohama National University, Japan</i>
C_PS2_09	Minimizing the stop time of private vehicles at intersections with LRT signal priority systems M Ghanbarikarekani* ¹ , M. Zeibots ¹ , X. Qu ² , A. Arab ³ , ¹ <i>University of Technology Sydney, Australia,</i> ² <i>Chalmers University of Technology, Sweden,</i> ³ <i>Islamic Azad University, Iran, Islamic Republic of</i>
C_PS2_10	Entry capacity quantifying model through drivers' behavior analysis at roundabouts A Patnaik*, D. Kumar, M. Panda, P Bhuyan*, <i>NIT Rourkela, India</i>





C_PS2_11	Analysis of the relationship between adverse road-weather conditions and free-flow speed on highways N. Rillagodage ¹ , B Mehran* ² , <i>¹University of Regina, Canada, ²University of Manitoba, Canada</i>
C_PS2_12	Effect of PCU estimation methods on capacity of two-lane rural roads in India: A case study D. Pal, S Sen*, S. Chakraborty, S. Roy, <i>Indian Institute of Engineering Science and Technology, India</i>
C_PS2_13	Effect of night-time rain on travel speed at two-lane highway without lights O Makinde*, J. Ben-Edigbe, <i>University of KwaZulu-Natal, South Africa</i>
C_PS2_14	Evaluating LOS at urban midblock section under the influence of crossing pedestrians in mixed traffic conditions H Golakiya*, A. Dham, <i>Sardar Vallabhbhai National Institute of Technology, India</i>
C_PS2_15	Improvement of left-turn actuated traffic control for three-legged intersections J. Eun ¹ , I Yun* ² , J. Park ³ , H. Lee ³ , <i>¹Gapyeong City Hall, Korea, Republic of, ²Ajou University, Korea, Republic of, ³The Korea Transport Institute, Korea, Republic of</i>
C_PS2_16	Establishing of patterns of the urban transport flows functioning on urban network parameters A. Galkin ¹ , C Kumar* ² , D. Burko ¹ , O. Lobashov ¹ , O. Prasolenko ¹ , N. Gyulyev ¹ , <i>¹O. M. Beketov National University of Urban Economy in Kharkiv, Ukraine, ²Jindal Global University, India</i>
C_PS2_17	Passenger car equivalent estimation for rural highways: Methodological review S. Ballari ¹ , P Kar* ² , M. Chunchu ² , <i>¹Holy Mary Institute of Technology and Science, India, ²Indian Institute of Technology Guwahati, India</i>
C_PS2_18	Speed reduction on merging sections in mixed traffic: A case study A Budhkar*, A. Maji, <i>Indian Institute of Technology Bombay, India</i>
C_PS2_19	Dynamic matching policies for real-time ride-sharing in large networks A Najmi*, D. Rey, T. H. Rashidi, <i>The University of New South Wales, Australia</i>
C_PS2_20	Estimating loss of the latent and manifest performance of roads in the mobility function Y Kakimoto*, H. Nakamura, <i>Nagoya university, Japan</i>
C_PS2_21	Choice of applicability of VISSIM at network level in heterogeneous traffic scenario R Mohan* ¹ , S. Eldhose ² , G. Manoharan ² , <i>¹Indian Institute of Science, India, ²National Institute of Technology, India</i>
C_PS2_22	Exploring the propagation pattern of traffic congestion through analyzing and visualizing vehicle detector data C Hsu*, Y. Hsu, <i>National Taiwan University, Taiwan</i>
C_PS2_23	Urban corridor management under heterogeneous traffic conditions C Anukesh*, K. Ravi Kiran, M. Kumar, <i>Osmania University, India</i>
C_PS2_24	Estimating dynamic passenger car units for two lane roads using density as equivalence criteria R K Padinjarapat*, T. V Mathew, <i>Indian Institute of Technology Bombay, Mumbai, India</i>
C_PS2_25	Using observed route complexity in GPS traces to improve bicycle route choice set generation T Koch* ¹ , N. Wardenier ² , L. Knapen ³ , E. Dugundji ⁴ , <i>¹Centrum Wiskunde en Informatica, Netherlands, ²not applicable, Netherlands, ³Universiteit Hasselt, Belgium, ⁴Vrije Universiteit, Netherlands</i>





C_PS2_26	Numerical simulations of a unifiable multi-commodity kinematic wave model for traffic systems with tradable right-of-way P Malik* ¹ , W. Jin ² , R. Lloret-Batlle ² , R. Jayakrishnan ² , ¹ Department of CEE, Institute of Transportation Studies, USA, ² Institute of Transportation Studies, USA
C_PS2_27	Integrated human-like reactive motion planning algorithm considering contextual traffic information M Sharath*, Indian Institute of Technology Bombay, India
C_PS2_28	Effect of heavy vehicles on traffic stream speed on two lanes two way undivided highway P. Patel ¹ , H Varia* ² , ¹ Tatva Institute of Technological Studies, India, ² Adani Institute of Infrastructure Engineering, India
C_PS2_29	Modelling state-estimate of overtaking manoeuvres: A driving simulator based study G Darsini* ¹ , K. Mahajan ² , N. Velaga ² , R. Jain ¹ , ¹ Indian Institute of Technology Patna, India, ² Indian Institute of Technology Bombay, India
C_PS2_30	Freeway incident management using density based lane-changing control in CAV environment D Ka*, J. Lee, S. Kim, C. Lee, Seoul National University, Korea, Republic of
C_PS2_31	Methodology to estimate the critical headway for Platooning on an Expressway A. Pandey, S Dash*, G. Patil, Indian Institute of Technology Bombay, India
C_PS2_32	A copula-based joint multinomial discrete-continuous choice framework to model driver behaviour in mixed traffic conditions S Nirmale*, A. Pinjari, C. Munigety, Indian Institute of Science, India
C_PS2_34	Insights on mobile phone data applications: OD estimation insights on mobile phone data applications: OD estimation M Suzudo*, K. Behara, A. Bhaskar, Queensland University of Technology, Australia
C_PS2_35	Impact of ITS on urban transport operations and management S Jain* ¹ , S Devliyal* ² , S Sharma* ² , ¹ Graphic Era Deemed to be University, India, ² Graphic Era Hill University, India
C_PS2_36	Prediction of trends in bus travel time using spatial patterns H Shaji*, A. Tangirala, L. Vanajakshi, Indian Institute of Technology Madras, India

Tuesday, 28 May 2019

C4_PS3

Time: 11:30 - 13:10

Location: VMCC Canopy

C4_PS3_01	Dynamic amcro analsis for traffic safety T Tsuboi* ¹ , Y. Tanaka ² , ¹ Nagoya Electric Works Co., Ltd., Japan, ² Japan Traffic management Technology Association, Japan
C4_PS3_04	Analyzing road traffic fatalities in Bangladesh: A case study based on Dhaka Sylhet highway T. Chowdhury ¹ , A. Chakroborty ² , S Mojumder* ² , ¹ University of Alaska Anchorage, USA, ² Leading University, Bangladesh
C4_PS3_05	Characterization of road crashes in the Emirate of Abu Dhabi F Albuquerque*, D. Awadalla, United Arab Emirates University, UAE





C4_PS3_06	A simulation study on the optimal pattern of speed reduction markings affecting speed choice before curve entry H Yotsutsuji* ¹ , T. Otazawa ² , H. Kita ² , ¹ CERI, Japan, ² Kobe Univeristy, Japan
C4_PS3_07	TISM based hierarchical analysis of factors leading to accidents on Indian highways S. Sandbhor, H Khanum*, <i>Symbiosis International Deemed University, India</i>
C4_PS3_08	Approach to enhance the road safety at signalized intersection P Agarwal* ¹ , V Solanki* ¹ , R Dhakar* ² , D Pandey* ¹ , ¹ MANIT Bhopal, India, ² Rajasthan Technical University, India
C4_PS3_09	Influence of risky behaviors upon the involvement in traffic accidents: An analysis at the University of Brasilia G Andrade Lanzaro*, M. Andrade, <i>University of Brasilia, Brazil</i>
C4_PS3_10	An assessment of fatigue as an accident risk factor among flight crews in Nigeria civil aviation A Dina*, M. Solanke, B. Raji, A. Hassan, B. Badejo <i>Olabisi Onabanjo University, Nigeria</i>
C4_PS3_11	How unexpected events affect lateral position variability? P. Papantoniou, G Yannis*, D. Pavlou, <i>National Technical University of Athens, Greece</i>
C4_PS3_12	Motorcycle travel safety audit - A pilot work S Pulipati*, C. Chamakuri, S. Donepudi, P. Pamireddy, <i>Vellore Institute of Technology, India</i>
C4_PS3_13	Investigating tailgating driving behavior and related accidents M Shawky* ¹ , A. Al-Ghafli ² , ¹ Ain Shams University, Egypt, ² Abu Dhabi Traffic Police, UAE
C4_PS3_14	Analyzing stop/go behaviour at the onset of yellow signal using support vector machines and decision trees B Pathivada*, V. Perumal, <i>Indian Institute of Technology (IIT) Bombay, India</i>
C4_PS3_15	Analysis of the trajectories of left-turning vehicles at signalized intersections O. Abdeljaber, A. Younis, W Alhajyaseen*, <i>Qatar University, Qatar</i>
C4_PS3_17	Evaluating a road lighting environment by coordinating the various source of light at night H Hamaoka*, <i>Akita University, Japan</i>
C4_PS3_18	Analysis of road traffic crashes in the State of Qatar A. Al Mamun ¹ , W. Alhajyaseen* ¹ , T. Wakjira ¹ , M. Qasem ¹ , C. Timmermans ¹ , Mustafa Almallah ¹ , H. Younis ² ¹ Qatar University, Qatar, ² Traffic Department - Ministry of Interior, Qatar
C4_PS3_19	Evaluation and characterization of crash-pulses for head-on collisions with varying overlap crash scenarios G Sequeira*, T. Brandmeier, <i>CARISSMA, Germany</i>
C4_PS3_20	Driver's road accident factor prioritization using AHP in relation to mastery of traffic signs in the city of Manila J Fernandez* ¹ , J Salvador* ¹ , M. Paringit ² , J. Galupino ¹ , P. Lucero ¹ , ¹ De La Salle University, Philippines, ² De La Salle University, Philippines
C4_PS3_21	Vehicle's lateral placement on horizontal curves: A literature review A Boruah*, A Maurya*, <i>IIT, India</i>





C4_PS3_22	Analysing the effect of different blood alcohol concentrations on driving behaviour: A driving simulator study A Yadav*, N. Velaga, <i>Indian Institute of Technology (IIT) Bombay, India</i>
C4_PS3_23	Analyzing the impact of refuge islands on pedestrian and driver behavior at unsignalized mid-block crosswalks X. Zhang, H Nakamura*, Y. Wu, <i>Nagoya University, Japan</i>
C4_PS3_24	Investigating the effects of traits, stress and situational factors on driving performance E. Paschalidis, C Choudhury*, D. Hibberd, <i>University of Leeds, United Kingdom</i>
C4_PS3_25	Driver space: The behavior mechanism under anger and collision history Q. Zhang, Y Ge*, W. Qu, <i>Institute of Psychology - CAS, China</i>
C4_PS3_26	The moderating effect of delay discounting between sensation seeking and risky driving behavior W. Zhang ^{1,2} , W Qu ^{*1,2} , Y. Ge ^{1,2} , X. Sun ^{1,2} , K. Zhang ^{1,2} , ¹ <i>Institute of Psychology, China, </i> ² <i>University of Chinese Academy of Sciences, China</i>
C4_PS3_27	Analysis of naturalistic driving behavior under heterogeneous traffic conditions in India J Yarlagadda*, D. Pawar, <i>IIT, India</i>

Tuesday, 28 May 2019

D-E_PS4

Time: 16:30 - 18:10

Location: VMCC Canopy

D-E_PS4_01	Dynamic origin-destination demand estimation from link counts, cellular data and travel time data S Mohanty*, A. Pozdnukhov, <i>University of California, Berkeley, USA</i>
D-E_PS4_02	Dynamic passenger guidance in rail transport - decision-making behaviour of passengers K Gillich*, <i>Technische Universität Darmstadt, Germany</i>
D-E_PS4_03	Travel Probability Fields – An approach to understand travel behavior: Case study of slum dwellers in Kolkata, India S Nayak* ¹ , S. Gupta ² , ¹ <i>Indian Institute of Technology, Kharagpur, India, </i> ² <i>School of Planning and Architecture, India</i>
D-E_PS4_04	Driving experience of truck driver in behavioral modeling S Thabassum*, K Molugaram*, <i>Osmania University, India</i>
D-E_PS4_05	Tools for customized consumer information on vehicle energy consumption and costs - A European case study C. Mogno, V. Arcidiacono, B. Ciuffo, L. Maineri, M. Makridis, J. Pavlovic, S. Tsiakmakis, G Fontaras*, <i>European Commission - Joint Research Centre, Italy</i>
D-E_PS4_06	Technical requirements for organising successful mobility campaigns in citizen observatories I. Keseru, L De Wilde*, C. Macharis, <i>Vrije Universiteit Brussel, Belgium</i>
D-E_PS4_07	Fundamental analysis of trip patterns in urban area considering household composition in addition to gender and age N. Hibino ¹ , Y. Yamashita ² , N Okunobo* ^{1,2} , ¹ <i>National Graduate Institute for Policy Studies, Japan, </i> ² <i>Creative Research and Planning Co. Ltd., Japan</i>





D-E_PS4_08	Testing for nonlinearity and chaos in liquid bulk shipping L. Inglada-Perez ¹ , P Coto Millán ^{*2} , <i>¹Universidad Carlos III de Madrid, Spain, ²Universidad de Cantabria, Spain</i>
D-E_PS4_09	Public attitudes towards electric vehicle adoption using structural equation modelling P. Aditjandra, V. Tiwari, D. Dissanayake, T Bennett*, <i>Newcastle University, United Kingdom</i>
D-E_PS4_10	A crowd-based perception score for mode choice applications S Chandra ^{*1} , R Naik ^{*2} , J. Jimenez ¹ , <i>¹California State University, USA, ²Indian Institute of Science Bangalore, India</i>
D-E_PS4_11	Data predictive approach to estimate nuisance flooding impacts on roadway networks: A Norfolk, Virginia case study S Praharaj*, T. Chen, M. Behl, <i>University of Virginia, USA</i>
D-E_PS4_12	Effects of transportation development on travel behaviour in rural areas B Das*, B. Maitra, <i>Indian Institute of Technology Kharagpur, India</i>
D-E_PS4_13	Analysis of latent attitudes and departure time choice for flexible activities K. Shakeel, T Rashidi*, S. Waller, <i>University of New South Wales, Australia</i>
D-E_PS4_14	A systematic method to calibrate demand-side and assignment models A Najmi ^{*1} , T H Rashidi ^{*1} , E. J. Miller ² , <i>¹The University of New South Wales, Australia, ²University of Toronto, Canada</i>
D-E_PS4_15	Comparison of Turkish airlines and Aegean airlines loyalty programs via frequent flyer money saver analysis B Unsal*, <i>Embry Riddle Aeronautical University, USA</i>
D-E_PS4_16	Template-based software architecture for modular and reproducible urban modeling S Maurer*, P. Waddell, <i>University of California, USA</i>
D-E_PS4_17	Agent-based microsimulation of travel activity participation, mode choice, and vehicle allocation M. Fatmi ¹ , S. McCarthy ² , N. Khan ² , M Habib ^{*2} , <i>¹The University of British Columbia, Canada, ²Dalhousie University, Canada</i>
D-E_PS4_18	Transportation planning in the era of ride hailing and other disruptive transportation technologies G Circella ^{*1,2} , F. Alemi ¹ , <i>¹University of California, USA, ²Georgia Institute of Technology, USA</i>
D-E_PS4_19	Topic Modeling Approach to Analyze Students' Activities on University Campus using Smartphone-based Survey Data R Kizaki*, T. Kawano, T. Maruyama, <i>Kumamoto University, Japan</i>
D-E_PS4_20	Examining the potential of textual big data for public policy making on driverless cars: a case study from Denmark S Beheshti Kashi ^{*1} , A Kinra ^{*2} , <i>¹University of Bremen, Germany, ²Copenhagen Business School, Denmark</i>
D-E_PS4_21	Influence parameters of transportation process on own/hired fleet selection A. Galkin ¹ , C Kumar ^{*2} , D. Roslavtsev ¹ , O. Lobashov ¹ , T. Schlosser ³ , <i>¹O. M. Beketov National University of Urban Economy in Kharkiv, Ukraine, ²Jindal Global University, India, ³Slovak Technical University in Bratislava, Slovakia</i>





D-E_PS4_22	Getting the best of both worlds - a framework for combining travel survey and mobile phone data for trip generation modelling A. Bwambale* ¹ , C. Choudhury ¹ , S. Hess ¹ , M. S. Iqbal ² ¹ University of Leeds, United Kingdom. ² Florida International University, USA
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Wednesday, 29 May 2019

F-G_PS5

Time: 9:30 - 11:00

Location: VMCC Canopy

F-G_PS5_01	The pursuit of a sustainable and accessible mobility on university campuses R Prosin [*] , M. Andrade, L. Meira, A. Brasileiro, <i>Universidade Federal de Pernambuco, Brazil</i>
F-G_PS5_02	Impact of urban sprawl on travel demand for public transport, private transport and walking K. A. Kakar [*] , C.S.R.K Prasad <i>National Institute of Technology Warangal, India</i>
F-G_PS5_03	Evaluation of emission level increment in urban and sub urban highway work zones - A case study S Ranawaka [*] , H. Pasindu, <i>University of Moratuwa, Sri Lanka</i>
F-G_PS5_04	Developing a sustainable mobility action plan for university campuses P. Papantoniou ¹ , G Yannis ^{*1} , E. Vlahogianni ¹ , M. Attard ² , A. Regattieri ³ , F. Pilati ³ , F. Piana ³ , ¹ National Technical University of Athens, Greece, ² University of Malta, Malta, ³ University of Bologna, Italy
F-G_PS5_05	Identifying mixed use indicators for including informal settlements as a distinct land use: Case study of Delhi A Shrama [*] , G. Tiwari, K. Rao, <i>Indian Institute of Technology Delhi, India</i>
F-G_PS5_06	Accessibility, mobility, pricing and land use: reflections from practitioners A Ardila Gomez [*] , F Arroyo Arroyo [*] , T Peralta Quiroz [*] , <i>The World Bank, USA</i>
F-G_PS5_07	A heuristic technique for traffic assignment with variable step size and number of iteration A. Mahpour ¹ , A. Mamdoohi ² , A Hakimelahi ^{*3} , ¹ Shahid Beheshti University, Iran, Islamic Republic of, ² Tarbiat Modares University, Iran, Islamic Republic of, ³ Shiraz University, Iran, Islamic Republic of
F-G_PS5_08	How to implement cargo cycles into public organizations? The approach of Hamburg City's waste management C. Rudolph, V. Ehrler, G Liedtke [*] , <i>German Aerospace Center (DLR), Germany</i>
F-G_PS5_09	The impact of flyer with infographics on public awareness and interest to transportation project S Terabe [*] , K. Tanno, H. Yaginuma, N. Kang, <i>Tokyo University of Science, Japan</i>
F-G_PS5_10	Macro-scale evaluation of urban transportation demand managements policies in CBD by using system dynamics case study: Isfahan CBD S. Khosravi, H Haghshenas [*] , V. Salehi, <i>Isfahan University of Technology, Iran, Islamic Republic of</i>
F-G_PS5_12	Evaluation of parking characteristics: A case study of Delhi J Parmar ^{*1} , P Das ^{*2} , F Azad ^{*2} , ¹ FTE-The Maharaja Sayajirao University, India, ² CSIR-Central Road Research Institute, India





F-G_PS5_13	Measuring the impact of transportation in the elderly B. Aguiar ¹ , R Macário ^{*1,2} , <i>¹Instituto Superior Técnico, Portugal, ²Faculty of Applied Economics, Belgium</i>
F-G_PS5_15	International comparison of psychological factors and their influence on travel behavior S Von Behren*, R. Schubert, V. Hofsäß, B Chlond*, <i>Karlsruhe Institute of Technology (KIT), Germany</i>
F-G_PS5_16	Comparison of response bias in an intercultural context - evaluation of psychological items in travel behavior research M Magdolen*, S. von Behren, J. Hobusch, B. Chlond, P. Vortisch, <i>Karlsruhe Institute of Technology, Germany</i>
F-G_PS5_17	Powered two-wheeler management in metropolitan areas of developing nations: Case city of Delhi S Gupta*, S. Dasari, <i>School of planning & Architecture, India</i>
F-G_PS5_18	Market segmentation for incentivising sustainable transport policies J. Soto ¹ , V Cantillo ^{*2} , J. Arellana ² , <i>¹Universidad Tecnológica de Bolívar, Colombia, ²Universidad del Norte, Colombia</i>
F-G_PS5_19	Accessibility evaluations of the proposed Road User Charge (RUC) program in California S Chandra ^{*1} , A Mudgal ^{*2} , R Naik ^{*3} , J. Jimenez ¹ , <i>¹California State University, USA, ²Indian Institute of Technology (BHU), India, ³Indian Institute of Science Bangalore, India</i>
F-G_PS5_20	Self-adaptive response system (SARS) for emergency logistics and transportation management J Sheu ^{*1} , C. Pan ¹ , T. Kundu ¹ , M. Chen ² , <i>¹National Taiwan University, Taiwan, ²National Chiao Tung University, Taiwan</i>
F-G_PS5_21	Travel mode use in the theory of planned behavior: A systematic review A Bezirgani*, U. Lachapelle, <i>UQAM, Canada</i>
F-G_PS5_22	The effect of regret-based route choice on the traffic equilibrium for emergency evacuation Z Wang ^{*1,2} , H. Yang ³ , Y. Yu ¹ , <i>¹Zhejiang Police College, China, ²Zhejiang University, China, ³Qingdao Hisense Trans-Tech Co., Ltd, China</i>
F-G_PS5_23	Cycling policies and experience in Bogotá, Colombia D Rosas Satizabal*, A. Rodriguez-Valencia, <i>Universidad de los Andes, Colombia</i>
F-G_PS5_24	Studying mobility strategies through an ethnographic and time use lens: Case studies from Concepción, Chile M. Rebolledo ¹ , J Carrasco ^{*1} , P. Jiron ² , <i>¹Universidad de Concepcion, Chile, ²Universidad de Chile, Chile</i>
F-G_PS5_25	Multiclass user equilibrium with recourse model for long-term planning of managed lanes V Pandey*, S. Boyles, <i>The University of Texas at Austin, USA</i>
F-G_PS5_26	Examining the Willingness to Switch to Ride-hailing based on Expected Travel Time and Cost Savings H Asgari*, X. Jin, <i>Florida International University, USA</i>
F-G_PS5_27	Travel mode use in the theory of planned behavior: A systematic review A Bezirgani*, U. Lachapelle, <i>Université du Québec à Montréal, Canada</i>





F-G_PS5_28	Method of estimating the change in life cycle CO₂ due to transport system development incorporating micro-traffic flow simulation N Shibahara* ¹ , R. Morimoto ² , N. Kudo ³ , H. Kato ⁴ , S. Mano ⁵ , Y. Hayashi ¹ , ¹ Chubu university, Japan, ² None, Japan, ³ National Traffic Safety and Environment Laboratory, Japan, ⁴ Nagoya university, Japan, ⁵ Kyoto Station Building Development Co.,Ltd., Japan
F-G_PS5_29	Impact of past rainfall events on the urban transport of the Mumbai Metropolitan Region: Current and future projections I. Sharma, M Chandel*, <i>Indian Institute of Technology Bombay, India</i>

Wednesday, 29 May 2019

H_PS6

Time: 11:30 - 13:10

Location: VMCC Canopy

H_PS6_01	Evaluation of ride sharing service based on customers opinion for Dhaka city F Rahman* ¹ , M. Hasan ¹ , M. Ofa Momenur Rahman ¹ , M. Anwar Ul Islam ² , ¹ University of Asia Pacific, Bangladesh, ² Military Institute of Science and Technology, Bangladesh
H_PS6_02	The interaction between private sector investment in transport infrastructure and economic growth in South Africa: A joint regression analysis R Luke*, N Pisa*, <i>University of Johannesburg, South Africa</i>
H_PS6_03	Exploring users' acceptability to toll road fees in Brazil A De Oliveira Lopes* ^{1,2} , F. Serra De Arruda ² , ¹ Brazilian Federal Police, Brazil, ² University of Brasília, Brazil
H_PS6_04	Effect of geometry on driver heart rate A Jacob*, J. Akkara, V. N, <i>Jyothi Engineering College Cheruthuruthy, India</i>
H_PS6_05	Capacity estimation on two lane hilly roads under heterogeneous traffic condition in India M. Jain, A. Mane, S Arkatkar*, G. Joshi, <i>SVNIT, India</i>
H_PS6_06	Studying operational dynamics of public bus system: A case of Lucknow city, India M Dev*, A Biswas*, <i>Indian Institute of Technology Roorkee, Roorkee, India</i>
H_PS6_07	Pedicab as a sustainable and complementary mode of transport for the first - last mile in the Transmilenio system of Bogotá L Ramírez Leuro*, X Velandia Villamil*, <i>National University of Colombia, Colombia</i>
H_PS6_08	Critical appraisal of urban transport funding pattern in an emerging economy: Case study- India S. Mukherjee, S Gupta*, <i>School of Planning and Architecture, India</i>
H_PS6_09	Factors affecting mode choice in accessing railway station study in Nakhon Ratchasima T Arreeras* ¹ , S. Chongutsah ² , T. Asada ¹ , M. Arimura ¹ , ¹ Muroran Institute of Technology, Japan, ² Rajamangala University of Technology Isan, Thailand
H_PS6_10	Analyzing the Impact of Construction Productivity over Infra Projects Indian Scenario S Dixit*, <i>Amity University, India</i>
H_PS6_11	International logistics costs, the case of Djibouti – Addis Ababa corridor H. Seifu ¹ , A. Reda ² , R. Mohammed ³ , B. Wodajo ¹ , G Gebresenbet* ² , ¹ Addis Ababa University, Ethiopia, ² Swedish University of Agricultural Sciences, Sweden, ³ Delft University of Technology, Netherlands,





H_PS6_12	State-of-art review on capacity, delay and level of service analysis procedures for urban unsignalized intersections S Datta* ¹ , S. Rokade ¹ , S. Rajput ² , <i>¹MANIT, India, ²MANIT, India</i>
H_PS6_13	Understanding group behavior in pedestrian crowds- a comparative study of groups in mass gatherings and a regular urban setup H. Gayathri*, A. Rai, A. Verma*, <i>Indian Institute of Science, India</i>
H_PS6_14	Exploring the change on taxi service availability under the operation mechanism of E-hailing Apps X. Chen, Q. Ye*, H. Zhang, <i>Tongji University, China</i>

Wednesday, 29 May 2019

I_PS7

Time: 14:30 - 16:10

Location: VMCC Canopy

I_PS7_01	Effect of freeze-thaw cycles and change in gradation on the properties of asphalt pavements in cold regions: A review I Mohi Ud Din*, M Mir*, M Farooq*, <i>NIT, India</i>
I_PS7_02	Analysis of pedestrian movements on stairs at metro stations T Goyal* ¹ , D. Kahali ² , R. Rastogi ² , <i>¹Haryana Power Generation Corporation Limited, India, ²IIT Roorkee, India</i>
I_PS7_03	Pavement deterioration modelling of urban roads in Bangalore city M Harikeerthan* ¹ , H. Jagadeesh ² , <i>¹Dayananda Sagar Institutions, India, ²BMS College Of Engineering, India</i>
I_PS7_04	Protection and preservation of asphalt surface of runways, taxiways & roads using steel guard XL technology S Sekar*, <i>Mumbai International Airport Pvt Ltd, India, AIC Infrastructures Pvt Ltd, India, RaynGuard Protective Materials, USA</i>
I_PS7_05	Evaluation of speed and lateral position for inter-vehicle interaction G Sil* ¹ , S. Nama ² , A. Maji ¹ , A. Maurya ² , <i>¹Indian Institute of Technology Bombay, India, ²Indian Institute of Technology Guwahati, India</i>
I_PS7_06	Design of a porous concrete mixture for drainage coverslab in pedestrian walkways M Perera*, W Mampearachchi*, <i>University of Moratuwa, Sri Lanka</i>
I_PS7_07	Design and analysis of an experimental setup for determining transfer length of BFRP prestressed beams P Motwani*, A. Laskar, <i>Indian Institute of Technology, Bombay (IITB), India</i>
I_PS7_08	Operating speed differential model for heavy vehicles using naturalistic driving data V Malaghan*, D. Pawar, <i>Indian Institute of Technology, Hyderabad, India</i>
I_PS7_09	Influence of chemical characteristics of RAP binders on the mechanical properties of binders and mixes R Mullapudi*, G Karanam*, S. Kusam, <i>Indian Institute of Technology, Kharagpur, India</i>





I_PS7_10	Material and size effect on fatigue damage of concrete for pavement application S Roy Maitra*, K. Reddy, L. Ramachandra, <i>Indian Institute of Technology, India</i>
I_PS7_11	Identifying critical safety issues on two-lane national highways in India – A case study from NH 117 and NH 60 S Chatterjee*, S Mitra*, <i>Indian Institute of Technology, Kharagpur, India</i>
I_PS7_12	Comparison of various rutting parameters and modelling of creep and recovery behaviour of high modulus bituminous binders A Goli*, A. Badita, A. Muppireddy, P. Brajbushan, <i>Indian Institute of Technology, Kharagpur, India</i>
I_PS7_13	Evaluation of horizontal permeability characteristics of granular subbase material H. Kandlavath, P Saha Chowdhury*, A. Muppireddy, <i>Indian Institute of Technology Kharagpur, India</i>
I_PS7_14	Framework for selecting pavement type for low volume roads H Pasindu*, D. Gamage, S. Bandara, <i>University of Moratuwa, Sri Lanka</i>
I_PS7_15	Ultrathin white topping-a strengthening measure for heavily trafficked rural roads A. Gupta ^{1,2} , U Sahoo ^{*2} , ¹ L&T Construction, India, ² IIT Bhubaneswar, India
I_PS7_16	A critical review of the PCA and IRC methods of thin white topping pavement design V Bulusu*, S. Kusam, A. Muppireddy, <i>Indian Institute of Technology, India</i>
I_PS7_17	Mechanical behaviour of ferro-fibro-crete pavements D Avirneni*, <i>Mahindra Ecole Centrale, India</i>
I_PS7_18	An AHP model to evaluate road intersection design D Baric*, D. Stepic, <i>University of Zagreb, Croatia</i>

