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*, *Shiv Nadar University, India, IIT Delhi, India*
A-B_PS1_03	**Reliability and delay modelling of Chhatrapati Shivaji Maharaj international airport, Mumbai** P Paithankar*, G. Patil, *Indian Institute of Technology Bombay, India*
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]Universidad del Norte, Colombia, [2]Universidad de los Andes, Colombia, [3]Unviersidad de Las Palmas de Gran Canaria, Spain*
A-B_PS1_05	**Barriers to eLearning in rail** A Fraszczyk*[1], J. Piip[2], *[1]Mahidol University, Thailand, [2]JP Research & Consulting, Australia*
A-B_PS1_06	**The application of the CO_2MPAS model for vehicle CO_2 emissions estimation over real traffic conditions** C. Mogno, G Fontaras*, V. Arcidiacono, B. Ciuffo, D. Komnos, M. Makridis, J. Pavlovic, V. Valverde-Morales, *European Commission - Joint Research Centre, Italy*
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]Ajou University, Korea, Republic of, [2]Woojin Industrial Systems, Korea, Republic of*
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*, *Bangladesh University of Engineering and Technology, Bangladesh*
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, *Indian Institute of Technology, India*
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, *Veermata Jijabai Technological Institute, India*
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]Université du Québec à Montréal, Canada, [2]Institut National de la Recherche Scientifique, Canada*
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]University of Bergamo, Italy, [2]University of Coimbra, Portugal*
A-B_PS1_13	**Transformation of tangible metaphor architecture in design process of sultan Hasanuddin International Airport terminal** W Wasilah*, *Alauddin State Islamic University of Makassar, Indonesia*

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*, *Isfahan University of Technology, Iran, Islamic Republic of*
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, *National Institute of Technology, Calicut, India*
A-B_PS1_18	**Model integrated freight terminal and automated freight management systems** D Bharadwaj*, *Independent Researcher, India*
A-B_PS1_19	**An Investigation into the losses in the Supply Chain Management of perishable goods** A Shamboji*, C. Sabnani, *Visvesvaraya National Institute of Technology- Nagpur, India*
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*, *Indian Institute of Technology, India*
A-B_PS1_24	**Offline optimization of cab supply for ride-sharing applications using hypergraph matching** N Singh*, T Rambha*, *Indian Institute of Science, India*
A-B_PS1_25	**Time and cost based bi-objective optimization of the multi-model transportation system** R Kapoor*, R Baraiya*, *Indian Institute of Management (IIM) Indore, India*
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, *Indian Institute of Technology, India*
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, *IIT Bombay, India*

A-B_PS1_28	A comparative analysis of risk associated with eating, drinking and texting during driving at unsignalised intersections P Choudhary*, N. Velaga, *IIT Bombay, India*
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]M.B.M. Engineering College, India. [2]Indian Institute of Technology, India. [3]Indian Institute of Technology, Indi*

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, A. Hakimelahi* *Shakhes Pajouh Research Institute, Iran, Islamic Republic of*
C_PS2_02	Cointegration analysis of Income and vehicular growth in India: An ARDL approach S. Vijayalakshmi*, K. Raj, *Institute for Social and Economic Change, India*
C_PS2_03	Investigating the state of connected and autonomous vehicles: A literature Review N Shiwakoti*, P. Stasinopoulos, F. Fedele, *RMIT University, Australia*
C_PS2_04	An estimation method of OD matrix in non-congestion ring expressway W Hualan*, X. Jiaying, W. Zeyu, *Lanzhou Jiaotong University, China*
C_PS2_05	A methodology to estimate parameters of critical gap distribution D Vikram*, S. Agarwal, *BITS Pilani, Pilani Campus, India*
C_PS2_06	Developing methodology for calibrating vehicle-following models on intercity expressways using vehicular trajectories N. Raju, S Arkatkar*, G. Joshi, *Sardar Vallabhbhai National Institute of Technology, India*
C_PS2_07	Identification of effective intersection control strategies during peak hours A Vajeeran*, D. De Silva, *University of Moratuwa, Sri Lanka*
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, *Yokohama National University, Japan*
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]University of Technology Sydney, Australia, [2]Chalmers University of Technology, Sweden, [3]Islamic Azad University, Iran, Islamic Republic of*
C_PS2_10	Entry capacity quantifying model through drivers' behavior analysis at roundabouts A Patnaik*, D. Kumar, M. Panda, P Bhuyan*, *NIT Rourkela, India*

C_PS2_11	**Analysis of the relationship between adverse road-weather conditions and free-flow speed on highways** N. Rillagodage[1], B Mehran*[2], *[1]University of Regina, Canada, [2]University of Manitoba, Canada*
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, *Indian Institute of Engineering Science and Technology, India*
C_PS2_13	**Effect of night-time rain on travel speed at two-lane highway without lights** O Makinde*, J. Ben-Edigbe, *University of KwaZulu-Natal, South Africa*
C_PS2_14	**Evaluating LOS at urban midblock section under the influence of crossing pedestrians in mixed traffic conditions** H Golakiya*, A. Dham, *Sardar Vallabhbhai National Institute of Technology, India*
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], *[1]Gapyeong City Hall, Korea, Republic of, [2]Ajou University, Korea, Republic of, [3]The Korea Transport Institute, Korea, Republic of*
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], *[1]O. M. Beketov National University of Urban Economy in Kharkiv, Ukraine, [2]Jindal Global University, India*
C_PS2_17	**Passenger car equivalent estimation for rural highways: Methodological review** S. Ballari[1], P Kar*[2], M. Chunchu[2], *[1]Holy Mary Institute of Technology and Science, India, [2]Indian Institute of Technology Guwahati, India*
C_PS2_18	**Speed reduction on merging sections in mixed traffic: A case study** A Budhkar*, A. Maji, *Indian Institute of Technology Bombay, India*
C_PS2_19	**WITHDRAWN**
C_PS2_20	**Estimating loss of the latent and manifest performance of roads in the mobility function** Y Kakimoto*, H. Nakamura, *Nagoya university, Japan*
C_PS2_21	**Choice of applicability of VISSIM at network level in heterogeneous traffic scenario** R Mohan*[1], S. Eldhose[2], G. Manoharan[2], *[1]Indian Institute of Science, India, [2]National Institute of Technology, India*
C_PS2_22	**Exploring the propagation pattern of traffic congestion through analyzing and visualizing vehicle detector data** C Hsu*, Y. Hsu, *National Taiwan University, Taiwan*
C_PS2_23	**Urban corridor management under heterogeneous traffic conditions** C Anukesh*, K. Ravi Kiran, M. Kumar, *Osmania University, India*
C_PS2_24	**Estimating dynamic passenger car units for two lane roads using density as equivalence criteria** R K Padinjarapat*, T. V Mathew, *Indian Institute of Technology Bombay, Mumbai, India*
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], *[1]Centrum WIskunde en Informatica, Netherlands, [2]not applicable, Netherlands, [3]Universiteit Hasselt, Belgium, [4]Vrije Universiteit, Netherlands*

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 manoeuvers: 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*, *Symbiosis International Deemed University, India*
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 Brasília** G Andrade Lanzaro*, M. Andrade, *University of Brasília, Brazil*
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 *Olabisi Onabanjo University, Nigeria*
C4_PS3_11	**How unexpected events affect lateral position variability?** P. Papantoniou, G Yannis*, D. Pavlou, *National Technical University of Athens, Greece*
C4_PS3_12	**Motorcycle travel safety audit - A pilot work** S Pulipati*, C. Chamakuri, S. Donepudi, P. Pamireddy, *Vellore Institute of Technology, India*
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, *Indian Institute of Technology (IIT) Bombay, India*
C4_PS3_15	**Analysis of the trajectories of left-turning vehicles at signalized intersections** O. Abdeljaber, A. Younis, W Alhajyaseen*, *Qatar University, Qatar*
C4_PS3_17	**Evaluating a road lighting environment by coordinating the various source of light at night** H Hamaoka*, *Akita University, Japan*
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, *CARISSMA, Germany*
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*, *IIT, India*

C4_PS3_22	**Analysing the effect of different blood alcohol concentrations on driving behaviour: A driving simulator study** A Yadav*, N. Velaga, *Indian Institute of Technology (IIT) Bombay, India*
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, *Nagoya University, Japan*
C4_PS3_24	**Investigating the effects of traits, stress and situational factors on driving performance** E. Paschalidis, C Choudhury*, D. Hibberd, *University of Leeds, United Kingdom*
C4_PS3_25	**Driver space: The behavior mechanism under anger and collision history** Q. Zhang, Y Ge*, W. Qu, *Institute of Psychology - CAS, China*
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]Institute of Psychology, China, [2]University of Chinese Academy of Sciences, China*
C4_PS3_27	**Analysis of naturalistic driving behavior under heterogeneous traffic conditions in India** J Yarlagadda*, D. Pawar, *IIT, India*

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, *University of California, Berkeley, USA*
D-E_PS4_02	**Dynamic passenger guidance in rail transport - decision-making behaviour of passengers** K Gillich*, *Technische Universität Darmstadt, Germany*
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]Indian Institute of Technology, Kharagpur, India, [2]School of Planning and Architecture, India*
D-E_PS4_04	**Driving experience of truck driver in behavioral modeling** S Thabassum*, K Molugaram*, *Osmania University, India*
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*, *European Commission - Joint Research Centre, Italy*
D-E_PS4_06	**Technical requirements for organising successful mobilitycampaigns in citizen observatories** I. Keseru, L De Wilde*, C. Macharis, *Vrije Universiteit Brussel, Belgium*
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]National Graduate Institute for Policy Studies, Japan, [2]Creative Research and Planning Co. Ltd., Japan*

D-E_PS4_08	**Testing for nonlinearity and chaos in liquid bulk shipping** L. Inglada-Perez[1], P Coto Millán*[2], *[1]Universidad Carlos III de Madrid, Spain, [2]Universidad de Cantabria, Spain*
D-E_PS4_09	**Public attitudes towards electric vehicle adoption using structural equation modelling** P. Aditjandra, V. Tiwari, D. Dissanayake, T Bennett*, *Newcastle University, United Kingdom*
D-E_PS4_10	**A crowd-based perception score for mode choice applications** S Chandra*[1], R Naik*[2], J. Jimenez[1], *[1]California State University, USA, [2]Indian Institute of Science Bangalore, India*
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, *University of Virginia, USA*
D-E_PS4_12	**Effects of transportation development on travel behaviour in rural areas** B Das*, B. Maitra, *Indian Institute of Technology Kharagpur, India*
D-E_PS4_13	**WITHDRAWN**
D-E_PS4_14	**WITHDRAWN**
D-E_PS4_15	**Comparison of Turkish airlines and Aegean airlines loyalty programs via frequent flyer money saver analysis** B Unsal*, *Embry Riddle Aeronautical University, USA*
D-E_PS4_16	**Template-based software architecture for modular and reproducible urban modeling** S Maurer*, P. Waddell, *University of California, USA*
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], *[1]The University of British Columbia, Canada, [2]Dalhousie University, Canada*
D-E_PS4_18	**Transportation planning in the era of ride hailing and other disruptive transportation technologies** G Circella*[1,2], F. Alemi[1], *[1]University of California, USA, [2]Georgia Institute of Technology, USA*
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, *Kumamoto University, Japan*
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], *[1]University of Bremen, Germany, [2]Copenhagen Business School, Denmark*
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], *[1]O. M. Beketov National University of Urban Economy in Kharkiv, Ukraine, [2]Jindal Global University, India, [3]Slovak Technical University in Bratislava, Slovakia*

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*

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 Prosini*, M. Andrade, L. Meira, A. Brasileiro, *Universidade Federal de Pernambuco, Brazil*
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 *National Institute of Technology Warangal, India*
F-G_PS5_03	**Evaluation of emission level increment in urban and sub urban highway work zones - A case study** S Ranawaka*, H. Pasindu, *University of Moratuwa, Sri Lanka*
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, *Indian Institute of Technology Delhi, India*
F-G_PS5_06	**Accessibility, mobility, pricing and land use: reflections from practitioners** A Ardila Gomez*, F Arroyo Arroyo*, T Peralta Quiroz*, *The World Bank, USA*
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*, *German Aerospace Center (DLR), Germany*
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, *Tokyo University of Science, Japan*
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, *Isfahan University of Technology, Iran, Islamic Republic of*
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 measuring the impact of transportation in the elderly** B. Aguiar[1], R Macário*[1,2], *[1]Instituto Superior Técnico, Portugal, [2]Faculty of Applied Economics, Belgium*
F-G_PS5_15	**International comparison of psychological factors and their influence on travel behavior** S Von Behren*, R. Schubert, V. Hofsäß, B Chlond*, *Karlsruhe Institute of Technology (KIT), Germany*
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, *Karlsruhe Institute of Technology, Germany*
F-G_PS5_17	**Powered two-wheeler management in metropolitan areas of developing nations: Case city of Delhi** S Gupta*, S. Dasari, *School of planning & Architecture, India*
F-G_PS5_18	**Market segmentation for incentivising sustainable transport policies** J. Soto[1], V Cantillo*[2], J. Arellana[2], *[1]Universidad Tecnológica de Bolívar, Colombia, [2]Universidad del Norte, Colombia*
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], *[1]California State University, USA, [2]Indian Institute of Technology (BHU), India, [3]Indian Institute of Science Bangalore, India*
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], *[1]National Taiwan University, Taiwan, [2]National Chiao Tung University, Taiwan*
F-G_PS5_21	**Travel mode use in the theory of planned behavior: A systematic review** A Bezirgani*, U. Lachapelle, *UQAM, Canada*
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], *[1]Zhejiang Police College, China, [2]Zhejiang University, China, [3]Qingdao Hisense Trans-Tech Co., Ltd, China*
F-G_PS5_23	**Cycling policies and experience in Bogotá, Colombia** D Rosas Satizabal*, A. Rodriguez-Valencia, *Universidad de los Andes, Colombia*
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], *[1]Universidad de Concepcion, Chile, [2]Universidad de Chile, Chile*
F-G_PS5_25	**Multiclass user equilibrium with recourse model for long-term planning of managed lanes** V Pandey*, S. Boyles, *The University of Texas at Austin, USA*
F-G_PS5_26	**Examining the Willingness to Switch to Ride-hailing based on Expected Travel Time and Cost Savings** H Asgari*, X. Jin, *Florida International University, USA*
F-G_PS5_27	**Travel mode use in the theory of planned behavior: A systematic review** A Bezirgani*, U. Lachapelle, *Université du Québec à Montréal, Canada*

F-G_PS5_28	Method of estimating the change in life cycle CO_2 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*, Indian Institute of Technology Bombay, India

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 joinpoint regression analysis R Luke*, N Pisa*, University of Johannesburg, South Africa
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, Jyothi Engineering College Cheruthuruthy, India
H_PS6_05	Capacity estimation on two lane hilly roads under heterogeneous traffic condition in India M. Jain, A. Mane, S Arkatkar*, G. Joshi, SVNIT, India
H_PS6_06	Studying operational dynamics of public bus system: A case of Lucknow city, India M Dev*, A Biswas*, Indian Institute of Technology Roorkee, Roorkee, India
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*, National University of Colombia, Colombia
H_PS6_08	Critical appraisal of urban transport funding pattern in an emerging economy: Case study- India S. Mukherjee, S Gupta*, School of Planning and Architecture, India
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*, Amity University, India
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], *[1]MANIT, India, [2]MANIT, India*
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*, *Indian Institute of Science, India*
H_PS6_14	Exploring the change on taxi service availability under the operation mechanism of E-hailing Apps X. Chen, Q. Ye*, H. Zhang, *Tongji University, China*
H_PS6_15	Effect of speeding behaviour of passenger cars on Tailpipe emissions P. Bokare[1], A. Maurya[2], S. Gokhle[2] *[1]O P Jindal University Raigarh, India. [2]Indian Institute of Technology Guwahati, India*
H_PS6_16	Modeling helmet usage behavior of motorized two-wheeler riders in developing countries S. Marisamynathan[1], V Perumal*[2], S. Gupta[3], *[1]National Institute of Technology, India, [2]Indian Institute of Technology Bombay, India, [3]Johns Hopkins International Injury Research Unit, USA*

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*, *NIT, India*
I_PS7_02	Analysis of pedestrian movements on stairs at metro stations T Goyal*[1], D. Kahali[2], R. Rastogi[2], *[1]Haryana Power Generation Corporation Limited, India, [2]IIT Roorkee, India*
I_PS7_03	Pavement deterioration modelling of urban roads in Bangalore city M Harikeerthan*[1], H. Jagadeesh[2], *[1]Dayananda Sagar Institutions, India, [2]BMS College Of Engineering, India*
I_PS7_04	Protection and preservation of asphalt surface of runways, taxiways & roads using steel guard XL technology S Sekar*, *Mumbai International Airport Pvt Ltd, India, AIC Infrastructures Pvt Ltd, India, RaynGuard Protective Materials, USA*
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], *[1]Indian Institute of Technology Bombay, India, [2]Indian Institute of Technology Guwahati, India*
I_PS7_06	Design of a porous concrete mixture for drainage coverslab in pedestrian walkways M Perera*, W Mampearachchi*, *University of Moratuwa, Sri Lanka*
I_PS7_07	Design and analysis of an experimental setup for determining transfer length of BFRP prestressed beams P Motwani*, A. Laskar, *Indian Institute of Technology, Bombay (IITB), India*
I_PS7_08	Operating speed differential model for heavy vehicles using naturalistic driving data V Malaghan*, D. Pawar, *Indian Institute of Technology, Hyderabad, India*
I_PS7_09	Influence of chemical characteristics of RAP binders on the mechanical properties of binders and mixes

R Mullapudi*, G Karanam*, S. Kusam,
Indian Institute of Technology, Kharagpur, India

I_PS7_10	**Material and size effect on fatigue damage of concrete for pavement application** S Roy Maitra*, K. Reddy, L. Ramachandra, *Indian Institute of Technology, India*
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*, *Indian Institute of Technology, Kharagpur, India*
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, *Indian Institute of Technology, Kharagpur, India*
I_PS7_13	**Evaluation of horizontal permeability characteristics of granular subbase material** H. Kandlavath, P Saha Chowdhury*, A. Muppireddy, *Indian Institute of Technology Kharagpur, India*
I_PS7_14	**Framework for selecting pavement type for low volume roads** H Pasindu*, D. Gamage, S. Bandara, *University of Moratuwa, Sri Lanka*
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, *Indian Institute of Technology, India*
I_PS7_17	**Mechanical behaviour of ferro-fibro-crete pavements** D Avirneni*, *Mahindra Ecole Centrale, India*
I_PS7_18	**An AHP model to evaluate road intersection design** D Baric*, D. Stepic, *University of Zagreb, Croatia*