

12TH ATRANS ANNUAL CONFERENCE

Program, 23 August 2019 at the Chatrium Hotel Riverside, Bangkok

Program of Day1: Conference Day						
8:00 – 9:00 Registration						
9:00 – 10:00 Opening Session, Room: Chatrium Ballroom, 4 th Floor						
9:00 – 9:10 Introductory Remark By Mr. Silpachai Jarukasemratana, ATRANS Honorable Advisor	9:10 – 9:20 Welcome Remark By Mr. Satoshi Kamada, Executive Director, IATSS			9:20 – 9:40 Opening Remark By H.E. Arkhom Termpittayapaisith Former Minister of Transport		
9:40 – 10:00 Coffee Break						
10:00 – 12:00 Morning Session						
Session 1: Panel Discussion on Smart Mobility for Now and Then, Room: Chatrium Ballroom, 4th Floor Moderated by Prof. Dr. Atsushi Fukuda, ATRANS Honorable Advisor, Nihon University, Japan						
10:00 – 10:15	10:15 – 10:30	10:30 – 10:45	10:45 – 11:00			
Panelist 1: Presentation on Intro to Smart Mobility for Now and Then: Thailand Aspect presents by H.E. Arkhom Termpitayapaisith Former Minister of Transport	Panelist 2: Presentation on Intro to Smart Mobility for Now and Then: Japan Perspective presents by Dr. Katsutoshi Ohta, Professor Emeritus at U. of Tokyo and Counsellor of International Association of Traffic and Safety Sciences (IATSS)	Panelist 3: Presentation on Intro Smart Mobility for Now and Then in Korea presents by Dr. Taewan Kim, Professional Engineer Professor, Dept of Urban Engineering, Chung-Ang University, Seoul, Korea	Panelist 4: Presentation on Intro Smart Mobility for Now and Then: Taiwan Perspective presents by Prof.Dr. S.K. Jason Chang, Senior Vice President, ITS- Taiwan, Director, Advanced Public Transport Research Center, National Taiwan University			
11:00 – 12:00 Panel Discussion (all the panelists are invited to the stage)						
Buffet Lunch provided at River Burge Restaurant						
13:00 – 15:00 First (1st) Afternoon Sessions						
Session 2A: Benefit of Big Data in Transportation (Logistics, Safety) Room: Chatrium Ballroom, 4th Floor, Moderated by Assoc.Prof.Dr. Sorawit Narupiti, Chulalongkorn U.						
13:00 – 13:10	13:10 – 13:20	13:20 – 13:30	13:30 – 13:40	13:40 – 13:50		
“Benefit of Big Data for Road Safety Audit and Improvement on Rural Road Network” Dr. Charkree Bumrungwong, Director of Road Safety Audit, Department of Rural Roads, MOT	“Benefit of Big Data in Transport Safety” By Dr. Napat Jatusripitak, Founder and CEO at Siametrics Consulting & Analytics, Thailand	“Benefit of Big Data in Transport Safety in India and in Japan” By Dr. Debaditya Roy, Research Fellow, Nihon University, Japan	“Benefit of Big Data in Traffic Management in Metro Manila” By Prof. Dr. Alexis Fillone, De La Salle U., The Philippines	“Applying Mobile Data for Transport Planning” By Dr. Toshiaki Muroi, Research Fellow, Japan Transport and Tourism Research Institute, Japan		
13:50 – 15:00 Panel Discussion and Q & A						
IATSS Session 2B: Road Safety on Data Collection of Motorcycle Crashes, Room: The Curve, 2th Floor, Moderated by Dr. Sumet Ongkitikul, Director, TDRI						
13:00 – 13:10	13:10 – 13:20	13:20 – 13:30	13:30 – 13:40	13:40 – 13:50	13:50 – 14:00	14:00 – 14:10
“Brief Intro of the Session” By Ms. Mirjam Sidik, CEO, AIP Foundation, Vietnam	“Data Collection of Motorcycle Crashes: In Case of Bangladesh” By Dr. Abu Talab, MD, Center for Injury Prevention and Research, Bangladesh	“Data Collection of Motorcycle Crashes: In Case of Malaysia” By Prof. Dr.Shaw Voon Wong, Universiti Putra Malaysia	“Data Collection of Motorcycle Crashes: In Case of The Philippines” By Prof. Dr. Ricard G. Sigua, University of the Philippines	“Data Collection of Motorcycle Crashes: In Case of Sr Lanka” By Dr. Niranga Amarasingha, Senior Lecturer, Sri Lanka Institute of Information Technology	“Data Collection of Motorcycle Crashes: In Case of Thailand” Dr. Phathai Singkham, Department of Disease Control, Ministry of Public Health	“Accident Data Collection: In Case of Japan” By Prof. Dr. Satoru Kobayakawa, Nihon University
14:10 – 15:00 Panel Discussion and Q & A						

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Program of Day 1: Conference Day				
Session 2C: Transport Innovation Challenge (Start-up), Room: Ravipa 1, Moderated by Dr. Nuwong Chollacoop, Head of Renewable Energy Lab., MTEC, Ministry of Science & Technology and Environment				
13:00 -13:10	13:10 – 13:20	13:20 – 13:30	13:30 – 13:40	13:40 – 13:50
<p>“Innovation Challenge in Moving towards more sustainable transport”</p> <p>By Ms. Mellyana Frederika, UN Pulse Lab Jakarta, Indonesia</p>	<p>“Transport Innovation Challenge: Changing the way we move, electric vehicle (EV) startup”</p> <p style="text-align: center;">By Daniël Scheerooren Consultant Sustainable Cities and Mobility at South Pole Southeast Asia</p>	<p>“What are the transport innovation challenges in Smart Mobility?”</p> <p>By Ms. Patcharin Posirisuk, CEO, Sammitr Smart Mobility Co.,Ltd.</p>	<p>“GRAB Service: A Transport Innovation Challenge in Digital Era”</p> <p>By Dr. Marian Panganiban, Regional Policy & Research Manager, GRAB</p>	<p>“Autonomous Vehicle: A Transport Innovation Challenge for startup”</p> <p style="text-align: center;">By Asst.Prof.Dr. Nuksit Noomwongs Department of Mechanical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand</p>
13:50 – 15:00 Panel Discussion, Q & A				
Session 2D: Public Participation & Engagement (accessibility: social inclusion, Safety: Empowerment, TOD: lifestyle), Room: Ravipa 2, Moderated by Assoc.Prof.Dr. Varameth Vichiensan, Kasetsart U.				
13:00 -13:10	13:10 – 13:20	13:20 – 13:30	13:30 – 13:40	13:40 – 13:50
<p>“Public Participation and Engagement in Road Safety in Thailand”</p> <p>By Dr. Witaya Chadbunchachai, MD., Director for WHO Collaborating Centre for Injury Prevention and Safety Promotion, Khon Kaen Hospital</p>	<p>“Enhancing community road safety through public participation”</p> <p style="text-align: center;">Asst.Prof.Dr.Kanisa Rungjang Department of Civil Engineering Faculty of Engineering Kasetsart University</p>	<p>“Public Participation and Engagement in Transportation: In case of Japan”</p> <p>By Prof. Dr. Atsushi Fukuda: Nihon U, Japan</p>	<p>“Public Participation and Engagement for Social Inclusion and Empowerment in Road Safety in Thailand”</p> <p>By Dr.Thawilwadee Burikul , Director of Research & Development Office, King Prajadhipok’s Institute</p>	<p>“Accessible to public transport and pedestrianization require Public Participation and Engagement”</p> <p style="text-align: center;">By Assoc.Prof.Dr.Viroat Srisurapanon, KMUTT</p>
13:50 – 15:00 Panel Discussion, Q & A				
15:00 – 15:20 Coffee Break				
15:20 – 17:20 Second (2nd) Afternoon Session				
Session 3A: Voice of ATRANS for Public Opinion on Transport-Related Environment and Safety for VRU, Room: Chatrium Ballroom, 4th Floor, Moderated by Assoc.Prof.Dr. Saiprasit Koetniyom, King Mongkut’s University of Technology North Bangkok and Asst.Prof.Dr.Sitha Jaensirisak, Ubonratchathani U.,				
<p>“PM 2.5 Issue”</p> <p>By Assoc.Prof.Dr. Chumnong Sorapipatana, ATRANS Board and Former Chairman of Energy Division, The Joint Graduate School of Energy and Environment, KMUTT</p>	<p>“Road Safety in Thailand Issue”</p> <p style="text-align: center;">By Assoc.Prof.Dr. Pongrid Klungboonkrong, KKU</p>	<p>“Road Safety for VRU in Thailand”</p> <p>By Ms. Krittapol Kemakawat Head of Prevention and Engagement British Embassy, Bangkok Thailand</p>	<p>“Attitude and Behavior in Road Safety Issue”</p> <p>By Mr. Hideaki Takaishi, Senior Chief Engineer, HONDA R&D Co.,Ltd. Japan</p>	<p>“Urban Planning for Active Transport Mode Issue”</p> <p style="text-align: center;">By Assoc.Prof.Dr. Pawinee Iamtrakul, Thammasart University</p>
Session 3B, 3C, 3D, and 3E: ATRANS Young Researcher’s Forum Paper Presentations				

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Program of 12th ATRANS Annual Conference: Young Researcher's Forum 2019

15:20 – 17:20 < Session 3 > Parallel Session of ATRANS Young Researcher's Forum Paper Presentations (Each presenter has 10-minute for presentation and 4-minute for questions and answers)				
Duration	<Session 3B-1> Topic: 1-9 (English) Room: The Curve, 2th Floor Chaired and Co-chaired by Assoc.Prof.Dr. Thaned Sathiannam, KKU, Dr. Bhanitiz Aursudkij, DOH, Thailand	<Session 3C-1> Topic: 1-9 (English) Room: Ravipa 1, 4 th Floor Chaired and Co-chaired by Prof.Dr.Alexis Fellone, De La Salle U., Philippines Assoc.Prof.Dr. Wichuda Sathiennam, KKU	<Session 3D-1> Topic: 1-9 (English) Room: Ravipa 2, 4 th Floor Chaired and Co-chaired by Dr. Preda Pichayapan, CU Asst.Prof.Dr. Saroch Boonsiripant, KU	<Session 3E-1> Topic: 1-9 (Thai) Room: Ravipa 3, 4 th Floor Chaired by and Co-chaired by Asst.Prof.Dr. Waiphot Kulachai, Burapha U. Dr. Pattarathep Sinlapacharn, Department of Highways (DOH)
15:20-15:34	<p>[AYRF2019-006] The Study of Travel Mode Choice among Basic Education School Students in Metro Manila</p> <p>By Monorom Rith, Prof.Alexis M. Fillone, and Jose Bienvenido M. Biona</p>	<p>[AYRF2019-007] Energy Efficiency and CO2 emissions of different forms of distribution in Vietnam and a comparison with France</p> <p>By Dr.LAM Quoc Dat</p>	<p>[AYRF2019-005] Indecision zone and factors influence the stop/go decision at the yellow traffic signal: the comparison of motorcyclists with passenger car's driver</p> <p>By Siwa Buahome, Dr. Wichuda Satiennam, and Dr. Thaned Satiennam</p>	<p>[AYRF2019-001TH] The Change of Land Value from Residential and Public Services Distribution Round Sukhumvit Station การเปลี่ยนแปลงมูลค่าที่ดินจากการกระจายตัวของอาคารพักอาศัยและบริการสาธารณะโดยรอบสถานีสุขุมวิท</p> <p>By Nitiwat Jannu and Assoc.Prof.Dr. Prapatpong Upala</p>
15:34-15:48	<p>[AYRF2019-021] Study on Park and Ride for Motorcycle in Hanoi: An Analysis of Current Situation and the User's Expectation for Yen Nghia Station</p> <p>By Pham Nhat Thien, Bui Van Sau, Dinh Xuan Hoan, and Dr. Dinh Van Hiep</p>	<p>[AYRF2019-011] The Explosive Growth of Public Bicycle System in Vietnamese Cities</p> <p>By Nhat Truong, Vu Phan, and Duc Doan</p>	<p>[AYRF2019-008] Experiment on mobility survey using smartphone in Hanoi, Vietnam</p> <p>By Minh Hieu Nguyen, Jimmy Armoogum, and Cedric Garcia</p>	<p>[AYRF2019-009TH] Applying Participatory Democracy to Promote Road Safety in Thai Youth การใช้แนวคิดประชาธิปไตยแบบมีส่วนร่วมในกลุ่มเยาวชนไทยเพื่อเสริมสร้างความปลอดภัยทางถนน</p> <p>By Dr. Thawilwadee Bureekul, Nittaya Ponok, and Dr. Lertporn Udompong</p>
15:48-16:01	<p>[AYRF2019-024] Policy Implications for Natural Gas Vehicle Development in Vietnam: Analysis from International Experience</p> <p>By An Minh Ngoc and Vu Trong Tich</p>	<p>[AYRF2019-012] Policies and Measures to Create Efficient and Low-Carbon Transport in Urban Areas: Case Study in Hochiminh City</p> <p>By Vu Trong Tich and An Minh Ngoc</p>	<p>[AYRF2019-019] Opportunities for Commuter Commerce using Consolidation Points and MaaS Platform in Singapore</p> <p>By Lu Meng and Albert Hardy Tanutama</p>	<p>[AYRF2019-010TH] The Effectiveness of Health Education Program with Utilizing Line Application for Enhancing Health Literacy in Motorcyclist Accident Prevention among Non-Formal Education Adolescents ผลของโปรแกรมสุขศึกษา ร่วมกับการใช้แอปพลิเคชันไลน์ เพื่อเสริมสร้างความรอบรู้ด้านสุขภาพในการป้องกันอุบัติเหตุจากจรรยาจรดักจักรยานยนต์ของวัยรุ่นนอกระบบการศึกษา</p> <p>By Nattawat Panyasai and Dr. Chulaporn Sota</p>

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Program of 12th ATRANS Annual Conference: Young Researcher's Forum 2019 (continued)

15:20 – 17:20 < Session 3 > Parallel Session of ATRANS Young Researcher's Forum Paper Presentations (Each presenter has 10-minute for presentation and 4-minute for questions and answers)				
Duration	<Session 3B-1> Topic: 1-9 (English) Room: The Curve, 2th Floor Chaired and Co-chaired by Assoc.Prof.Dr. Thaned Sathiannam, KKU, Dr. Bhanitiz Aursudkij, DOH, Thailand	<Session 3C-1> Topic: 1-9 (English) Room: Ravipa 1, 4 th Floor Chaired and Co-chaired by Prof.Dr.Alexis Fellone, De La Salle U., Philippines Assoc.Prof.Dr.Wichuda Sathiennam, KKU	<Session 3D-1> Topic: 1-9 (English) Room: Ravipa 2, 4 th Floor Chaired and Co-chaired by Dr. Preda Pichayapan, CU Asst.Prof.Dr. Saroch Boonsiripant, KU	<Session 3E-1> Topic: 1-9 (Thai) Room: Ravipa 3, 4 th Floor Chaired and Co-chaired by Asst.Prof.Dr. Waiphot Kulachai, Burapha U. Dr. Pattarathep Sinlapacharn, Department of Highways (DOH)
16:01-16:15	[AYRF2019-029] Perception on the Transport Modes in the Island Province of Marinduque, Philippines By Jhun Christopher Castro and Prof. Alexis Fillone	[AYRF2019-013] Building multimodal transportation measures on a number of main transportation corridors in the north of Viet Nam By Nguyen Thi Nhu, Nguyen Thi Thu, and Nguyen Thi Hong Mai	[AYRF2019-028] A Proposed Conceptual Framework for Investigating Factors Affecting Carpooling Decisions By Puthipong Julagasigorn and Dr. Ruth Banomyong	[AYRF2019-025TH] Application of Highway Safety Manual (HSM) for Accident Prediction on Expressway การประยุกต์ใช้คู่มือด้านความปลอดภัยทางถนน (Highway Safety Manual: HSM) สำหรับคาดการณ์อุบัติเหตุบนทางพิเศษ By Wissarut Nillpong, Pomnarong Lueanpech, and Dr. Terdsak Rongviryanich
	<Session 3B-2> Topic: 1-9 (English) Room: The Curve, 2th Floor Chaired and Co-chaired by Dr. Bhanitiz Aursudkij, DOH, Thailand Assoc.Prof.Dr. Thaned Sathiannam, KKU	<Session 3C-2> Topic: 1-9 (English) Room: Ravipa 1, 4 th Floor Chaired and Co-chaired by Assoc.Prof.Dr.Wichuda Sathiennam, KKU Prof.Dr.Alexis Fellone, De La Salle U., Philippines	<Session 3D-2> Topic: 1-9 (English) Room: Ravipa 2, 4 th Floor Chaired and Co-chaired by Asst.Prof.Dr. Saroch Boonsiripant, KU Dr. Preda Pichayapan, CU	Return to main conference room
16:20-16:34	[AYRF2019-030] Urban Transition in the Catchment Areas of Metro Lines in Ho Chi Minh City: A Case Study of Metro Line 1 By Le ThiKieu, Dao Chi Vo, and Minh Thong Nguyen	[AYRF2019-016] Travel behavior change under adverse weather conditions – An essential study for formulating “active” traffic management strategies By Thi Thanh Huong Nguyen and Anh Tuan Vu	[AYRF2019-031] The Effect of Psychological Factors on Travelers Intention: A Case Study of Bike Sharing System in Khon Kaen University, Thailand By Tanathip Chujhit, Dr. Wichuda Satiennam, and Dr. Thaned Satiennam	

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**15:20 – 17:20 < Session 3 > Parallel Session of ATRANS Young Researcher's Forum Paper Presentations
(Each presenter has 10-minute for presentation and 4-minute for questions and answers)**

Duration	<Session 3B-2> Topic: 1-9 (English) Room: The Curve, 2th Floor Chaired and Co-chaired by Assoc.Prof.Dr. Dr. Bhanitiz Aursudkij, Department of Highways (DOH) Thaned Sathiannam, KKU,	<Session 3C-2> Topic: 1-9 (English) Room: Ravipa 1, 4 th Floor Chaired and Co-chaired by Assoc.Prof.Dr.Wichuda Sathiennam, KKU Prof.Dr.Alexis Fellone, De La Salle U., Philippines	<Session 3D-2> Topic: 1-9 (English) Room: Ravipa 2, 4 th Floor Chaired and Co-chaired by Asst.Prof.Dr. Saroch Boonsiripant, KU Dr. Preda Pichayapan, CU	<Session 3E-2> Topic: 1-9 (Thai) Room: Ravipa 3, 4 th Floor Chaired and Co-chaired by Asst.Prof.Dr. Waiphot Kulachai, Burapha U. Dr. Pattarathep Sinlapacharn, Department of Highways (DOH)
16:34-16:48	[AYRF2019-032] Developing Pedestrian Environment Quality Score for Vietnamese Medium Sized Cities: A Case Study in Thu Dau Mot City By Minh Thong Nguyen, Thai Son Nguyen, and Dinh Vinh Man Nguyen	[AYRF2019-017] Assessing the first BRT corridor in Hanoi by the Bus Rapid Transit Standard By Huy Nghia Nguyen, Sy Sua Tu, and Minh Hieu Nguyen	[AYRF2019-034] Choice Analysis between Point-to-Point (P2P) Bus Service and other modes of Transportation in Metro Manila By Emmeline Espano, Kane Ilao, Princess Tamayao, and Justin Tomaliwan	
16:48-17:02	[AYRF2019-033] Analysis of the Black Nazarene Procession in the City of Manila By Darius Diamante, Rex Apad, John Ferrer, Alerik Ruiz, and Prof. Alexis Fillone	[AYRF2019-018] Artificial Intelligence Approaches for Prediction of Travel Decisions: A Case Study of Hanoi, Vietnam By Dr. Thi My Thanh Truong	[AYRF2019-037] Applicability of VR Technology for Evaluation of Walkability near Narita Station, Japan By Hiroto Numa, Hironori Ozawa, Mizuki Sakai, and Prof. Atsushi Fukuda	
17:02-17:16	[AYRF2019-036] An Estimation of the Effects of Implementation of policy for Road Network Disruptions by Urban Flood in Developing Country By Noriyasu Tsumita, Hiroki Kikuchi, and Prof.Atsushi Fukuda	[AYRF2019-035] Effect of BRTS on NMT users in Ahmedabad City By Sarath Kuttikkatuparambil Thilakan and Talat Munshi	[AYRF2019-022] Development of Parking Standards and Estimation of Trip Attraction Rates for Hospitals and Other Health Institution in Sri Lanka By S.R.B.W.M.S.R.B WANNINAYAKE	
17:30-17:45	Paper Certification and Best Paper Presentation Awarding Ceremony			
17:45-17:55	Certificate of Appreciation given to AYRF 2019 Committee			
17:55-18:00	Closing ceremony			
19:00-21:00	Reception Dinner (By Invitation only) at Chatrium Ballroom, 4 th Floor			

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Program of Day 2: Technical Visit to TTK – TPRO: Safety Training Center, Chacherngsao Province

Time	Program	Remarks
8:00	Get together at the hotel lobby	Limits number to 50 persons
8:20	Departure from Hotel	Bus provided for 50 Seats only
9:50	Arrive at TTK-TPRO	Take a break and be ready for lecture and practical exercise
10:00 – 12:00	Lecture and practice	At meeting room and safety training field
12:00 – 13:00	Lunch Break	Lunch boxes are provided
13:00 – 14:30	Experiencing by doing closely with instructors	4-base learning stations provided
14:30 – 15:00	Sum-up and Closing and Group Photo	Exchange gifts and token of appreciation
15:00	Return home	Bus will drop at Suvarnabhumi Airport and to the hotel

Remark: This technical Visit Program sponsors by AP HONDA and TTK Asia Transport (Thailand) Co.,Ltd.