

**7<sup>th</sup> ATRANS SYMPOSIUM: YOUNG RESEARCHER'S FORUM 2014** “Transportation for a Better Life: Towards Better ASEAN Connectivity and Safety”  
22 August 2014 – BANGKOK, THAILAND

Time	Program		
08:30 – 09:00	Registration		
	- <b>OPENING SESSION</b> – (Room: Queen's Park 1, 2 <sup>nd</sup> Floor)		
09:00 – 09:10	Introductory Remarks by Mr. Akira Hasekawa, Managing Director of International Association of Traffic and Safety Sciences (IATSS)		
09:10 – 09:20	Welcome Remarks by Prof. Dr. Wiroj Rujopakarn, ATRANS Chairperson		
09:20 – 09:30	Opening Remarks by Permanent Secretary Soithip Trisuddhi, Ministry of Transport, Thailand		
09:30 – 09:40	Essay and Drawing Awarding Ceremony by ATRANS Chairperson		
09:40 – 10:00	Coffee Break and See Poster Session and other Exhibitions		
10:00 – 12:20	<b>MORNING SESSION &lt;Session 1: Panel Discussion on “Toward Better ASEAN Connectivity and Safety”&gt;</b> (Room: Queen's Park 1, 2 <sup>nd</sup> Floor) Moderated by Mr. Silpachai Jarukasemratana, Former Permanent Secretary of Ministry of Transport		
12:20 – 13:20	Luncheon provided at Parkview Restaurant on Ground Floor		
13:20 – 15:30	<b>FIRST AFTERNOON SESSION &lt;Session 2: Parallel Session of Main Symposium and Young Researcher's Forum</b>		
	<b>ATTRANS Young Researcher's Forum</b>		
	Room: Queen's Park 4, 2 <sup>nd</sup> Floor	Room: Queen's Park 5, 2 <sup>nd</sup> Floor	Room: Queen's Park 6, 2 <sup>nd</sup> Floor
	<b>Session 2B-1:</b> English Session <b>Topic:</b> Multidisciplinary issues (1) Transport Infrastructure & Management, (2) Transport Planning, (3) Traffic and Transport Modeling, (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (8) Sustainable Transport  <b>Session Chair:</b> AYRF Representative	<b>Session 2C-1:</b> English Session <b>Topic:</b> Multidisciplinary issues (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (7) Land Use, (8) Sustainable Transport, (9) Other transport-related issues  <b>Session Chair:</b> AYRF Representative	<b>Session 2D-1:</b> Eng & Thai Session (ภาคอังกฤษและภาษาไทย) <b>Topic:</b> Multidisciplinary issues (1) Transport Infrastructure & Management, (2) Transport Planning, (3) Traffic and Transport Modeling, (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (7) Land Use, (8) Sustainable Transport, (9) Other transport-related issues  <b>Session Chair:</b> AYRF Representatives
	<b>13:20-13:30</b>  YRF14-009: PARKING MANAGEMENT MEASURES TOWARDS A SUSTAINABLE TRANSPORTATION IN HANOI URBAN AREAS: A CASE STUDY IN HOAN KIEM DISTRICT  Truong Hoang Hai, Dinh Van Hiep	<b>YRF14-008:</b> EFFECT OF FLOODING ON MOUNTAINOUS TRANSPORTATION SYSTEM  Dinh Tung Vuong, Hung Pham, Anh Dung Pham	<b>YRF14-001:</b> COMPARATIVE ACCIDENT SEVERITY STUDY OF HIGH ACCIDENT INTERSECTIONS AND LOW ACCIDENT INTERSECTIONS  Sharad Bajrachaya
<b>13:30-13:40</b>	YRF14-027: STUDY ON BUILT-ENVIRONMENT BEST PRACTICES AND LIFESTYLES TOWARDS METRO USE: CASE STUDY OF CHATUCHAK DISTRICT, BANGKOK  Duangporn PRASERTASUBPAKIT, Sirithip WASINRAT	YRF14-043: CURRENT BUS SERVICE OPERATING CHARACTERISTICS ALONG EDSA, METRO MANILA, PHILIPPINES  Krister Ian Daniel ROQUEL, Alexis FILLONE	YRF14-002: MEANS OF POLITICAL AND LAND USE BOUNDARIES FOR URBAN TRANSPORT PLANNING PURPOSES  Rico Angelo CHIU, Lawrence Kristoffer CHUA, Gizelle Mae LIM, Marco SALCEDO, Alexis FILLONE

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13:40-13:50	<b>YRF14-029:</b> ANALYSIS OF TRAFFIC ACCIDENT AT SIGNALIZED INTERSECTIONS  Tran Quang Vuong, Vu Anh Tuan	<b>YRF14-046:</b> THE PANAY-GUIMARAS-NEGROS BRIDGE PROJECT: AN INITIAL ASSESSMENT  Nicanor ROXAS, Jr., Alexis FILLONE	<b>YRF1-003:</b> IMPACT ASSESSMENT OF TRAFFIC MANAGEMENT MEASURES IN THE VICINITY OF DE LA SALLE UNIVERSITY – MANILA  Danica CARPIO, Joshua CHUA, Analyn Dela PENA, Kervin LUCAS
13:50-14:00	<b>YRF14-030:</b> DESIGNING AND MODELING OF BRT SIGNAL PRIORITIES UNDER MIXED TRAFFIC CONDITIONS  Duc Nguyen HUYNH, Anh Tuan VU	<b>YRF14-047:</b> MODE CHOICE ANALYSIS OF URBAN TRIPS IN ILOILO CITY  Frederick Lloyd A. SOSUAN, Alexis M. FILLONE	<b>YRF14-005:</b> การศึกษาพื้นที่ที่เกิดอุบัติเหตุทางถนนบ่อยในประเทศไทยจากข้อมูลการเกิดอุบัติเหตุ (Road Black Spot Analysis from Thailand's Road Accident Data)  Surasak Srisawangwong, Suporn Pongnumkul
14:00-14:10	<b>YRF14-034:</b> EFFECTS OF PYROLYZED WASTE COOKING SYNTHETIC DIESEL FUEL ON PERFORMANCE OF A MULTI-CYLINDER DI DIESEL ENGINE  Kanit WATTANAVICHIEEN, Teerawut RAKYHAO, Prasobchok POTHIKUL	<b>YRF14-048:</b> STUDY ON EFFECTIVE LANE USAGE INCLUDING BUS EXCLUSIVE LANE FOR MOTORCYCLES  Wataru MATSUMOTO, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Yoshihiko HASHINO	<b>YRF14-006:</b> การศึกษาความปลอดภัยในการให้บริการรถตู้โดยสารระหว่างเมืองในภาคใต้ (A Study of Safety of Inter-city Passenger Van Services In Southern Thailand)  Jaray Poolpol, Pichai Taneerananon
14:10-14:20	<b>YRF14-040:</b> POSSIBILITIES OF MODAL SHIFT TO PUBLIC TRANSPORT IN DEVELOPING ASIAN CITIES-AN EMPIRICAL EXAMINATION IN HANOI CITY  Vu Anh TUAN	<b>YRF14-049:</b> COMPARATIVE ANALYSIS OF VKT FROM TRANSPORTATION DEMAND FORECASTING AND VKT BASED ON ACTUAL DRIVING DISTANCE IN CITY  Hatsuki MORI, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Thaned SATIENNAM	<b>YRF14-010:</b> การวิเคราะห์ค่าโดยสารของรถโดยสารประจำทางเส้นทางตาก – แม่สอติ (Bus Fare Analysis of Tak-Mae Sot Route)  Ratanapong CHUNGCHUA, Preda PICHAYAPAN
14:20-14:30	SESSION BREAK		

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13:20 – 15:30	FIRST AFTERNOON SESSION <Session 2: Parallel Session of Main Symposium and Young Researcher's Forum		
	ATRANS Young Researcher's Forum (each presenter has 7-min for presentation and 3-min for Q&A)		
	Room: Queen's Park 4, 2 <sup>nd</sup> Floor	Room: Queen's Park 5, 2 <sup>nd</sup> Floor	Room: Queen's Park 6, 2 <sup>nd</sup> Floor
	<b>Session 2B-2:</b> English Session <b>Topic:</b> Multidisciplinary issues (1) Transport Infrastructure & Management, (2) Transport Planning, (3) Traffic and Transport Modeling, (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (8) Sustainable Transport  <b>Session Chair:</b> AYRF Representative	<b>Session 2C-2:</b> English Session <b>Topic:</b> Multidisciplinary issues (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (7) Land Use, (8) Sustainable Transport, (9) Other transport-related issues  <b>Session Chair:</b> AYRF Representative	<b>Session 2D-2:</b> Eng & Thai Session (ภาคอังกฤษและภาษาไทย) <b>Topic:</b> Multidisciplinary issues (1) Transport Infrastructure & Management, (2) Transport Planning, (3) Traffic and Transport Modeling, (4) Intelligent Transport System, (5) Traffic Safety, (6) Energy and Environment in Transport Sector, (7) Land Use, (8) Sustainable Transport, (9) Other transport-related issues  <b>Session Chair:</b> AYRF Representatives
14:30-14:40	<b>YRF14-004:</b> CONSTRUCTING FLY-OVER BRIDGES AT INTERSECTIONS IN URBAN AREA TO SOLVE TRAFFIC CONGESTION IN HANOI CAPITAL  TIEN Le Ngoc, LONG Tran Viet , TUNG Vuong Dinh, CHANH Pham Viet	<b>YRF14-050:</b> STUDY ON THE EVALUATION OF THE ROUNDABOUT UTILIZING MICRO TRAFFIC SIMULATION MODEL  Takuya KOJIMA, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Paramet LUATHEP	<b>YRF14-012:</b> ระบบระบุสายการเดินทางแบบอัตโนมัติจากข้อมูล GPS (Automatic Bus Route Detecting System on GPS Data)  Attaphon PAYANATUM, Saroch BOONSIRIPANT, Tarid SONGSANG
14:40-14:50	<b>YRF14- 013:</b> ASSESSMENT OF THE ON-STREET PARKING MANAGEMENT IN ERMITA-MALATE, PHILIPPINES  Arian Aquino BULACTIAL, Federico Tan DIZON, Mark Wesley Chang GARCIA, Grace Padayhag GUETA, Judylyn Caabay VALDEZ	<b>YRF14-051:</b> MODE CHANGE BEHAVIOR OF BUS PASSENGERS TO RAIL SYSTEM UNDER IMPROVED RAIL OPERATIONS  Germaine Ann C. DILAY, Alexis M. FILLONE	<b>YRF14-019:</b> การหาความสัมพันธ์ระหว่างพฤติกรรมรถขับที่ที่คำนวณจากเซนเซอร์บนโทรศัพท์มือถือและจำนวนการเกิดอันตรายบนถนน (Modeling frequencies of road accident using aggressive driving behaviours from smartphone sensory data)  Nitat TEPNARONG, Suporn PONGNUMKUL, Chalermopol SAIPRASERT, Pimwadee CHAVALIT
14:50-15:00	<b>YRF14-014:</b> IMPROVE ACCESSIBILITY AND ENSURE MULTIMODALITY OF METRO LINE WITH PUBLIC TRANSPORT SYSTEM IN HANOI  Tuan Anh Luong, Hai Linh LE	<b>YRF14-052:</b> INTRODUCTION OF BUS AND BRT SYSTEMS ALONG A MAJOR ROAD CORRIDOR IN ILOILO CITY, PHILIPPINES  Joniemar CALDERON, Mary Earl Daryl GRIO, Rowena DELATINA, Ritz Michael LACSON, Shevane Ruth DELA CRUZ	<b>YRF14-023:</b> ระบบระบุการเข้าและออกสถานีของรถไฟจากตำแหน่งของโทรศัพท์มือถือของผู้โดยสาร (A System for Passenger Train's Arrival and Departure Update of Using Rider's Smartphone GPS Trace)  Theethat THIRATTHANKUL, Surasak SRISAWANGWONG, Narin KUNASETH, Kornchawal CHAIPAH, Suporn PONGNUMKUL

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15:00-15:10	<b>YRF14-022:</b> UTILIZING MULTIMODAL PUBLIC TRANSPORTATION ROUTE PLANNERS FOR LONG-TERM SUSTAINABLE TRANSPORTATION NETWORKS Chelcie NARBONETA, Kardi TEKONOMO	<b>YRF14-053:</b> COMPARISON OF TRAVEL BEHAVIOR AND RESPONSES TO CHANGE IN TRANSIT FARE BETWEEN BANGKOK AND MANILA RAIL SYSTEMS  Marcus Kyle BARO, Kasem CHOOCHARUKUL	<b>YRF14-028:</b> การวิเคราะห์ปัจจัยทางถนนบริเวณทางแยกที่มีผลต่อการฝ่าฝืนสัญญาณไฟจราจรในจังหวัดเชียงใหม่ (Analysis of Intersection-Related Factors Affecting Traffic Signal Violations in Chiang Mai) Wichaya SONGSAENG, Preda PICHAYAPAN, Nopadon KRONGPRASERT
15:10-15:20	<b>YRF14-041:</b> USER PERCEPTION TOWARDS SERVICE QUALITY OF PUBLIC BUS TRANSPORTATION IN ANURADHAPURA DISTRICT, SRI LANKA   Gayani Sasendrika GUNARATHNE, Djoen San SANTOSO	<b>YRF14-059:</b> HIGHWAY-RAILWAY GRADE CROSSING (HRGC) SAFETY AUDIT: A CASE STUDY OF HRGC IN PHITSANULOK PROVINCE   Donyarit SETTASUWACHA, Suchinthon SONGSITTIDET, Surachet WANNA, Kritsana KLINDEE	<b>YRF14-031:</b> การศึกษาปัจจัยที่มีผลต่อระยะเวลาและพฤติกรรมการจอดรถภายในห้างสรรพสินค้า กรณีศึกษาห้างสรรพสินค้าเดอะมอลล์ จังหวัดนครราชสีมา (Factor affecting parking behavior in the parking: A case study of The Mall, Nakhon Ratchasima)  Warut SUMMAR, Phattarasuda WITCHAYAPHONG, Siradol SIRADHARA
15:20-15:30	<b>YRF14-042:</b> DEVELOPING A PUBLIC TRANSIT SCHEDULING TOOL FOR METRO MANITA BUS OPERATORS   Raymund Paolo B. ABAD, Alexis M. FILLONE	<b>YRF14-060:</b> GPS ENABLED TAXI PROBE'S BIG DATA PROCESSING FOR TRAFFIC EVALUATION OF BANGKOK USING APACHE HADOOP DISTRIBUTED SYSTEM   Saurav RANJIT, Masahiko NAGAI, Itti RITTAPORN, Fredik HILDING	<b>YRF14-032:</b> การส่งเสริมการใช้จักรยานเลียบคลองแสนแสบเพื่อการขนส่งอย่างยั่งยืน (Encouraging Bicycling alongside Saen Saeb Canal for Transportation Sustainability) Pennapha SUKBANPHAN, Prapatpong UPALA  <b>YRF14-058:</b> การตัดสินใจที่ไม่ปลอดภัยของผู้ขับขี่สามกลุ่มประเทศและสามกลุ่มอายุในกรุงเทพมหานคร (Risky driving behavior of three countries and three age group in Bangkok)  Chanida INTASIEN, Sorawit NARUPITI
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## Transportation for A Better Life: Towards Better ASEAN Connectivity and Safety

### Day 1: Main Symposium

Duration		Program			
9:00 – 9:40	Morning session	Opening Session			
		Introductory Speech By Mr. Akira Hasekawa, Managing Director of IATSS	Welcoming Speech By Prof. Dr. Wiroj Rujopakarn, ATRANS Chairperson	Opening Speech By Inspector-General Somsak Sansombat, MOT, Thailand	Essay & Drawing winning Award By ATRANS Chairperson
9:40 – 10:00		Coffee Break & Poster Session			
		Poster session of Essay & Drawing winning works	Riding simulator corner	AsiaTrans & PTV: Traffic Simulation, etc.	Traffic Safety for Kids and participants’ quiz games
10:00 – 12:00		Session 1: Panel Discussion session - “Towards Better ASEAN Connectivity and Safety” moderated by Mr. Silpachai Jarukasemratana, ATRANS Honorable Advisor			
		Lao PDR: Ways Forwards Regional Transport Integration By Dr. Bounta Onnavong, Director, Ministry of Transport, Lao PDR	Policy & Implementation towards better connectivity in ASEAN By Mr. Ye Myint, Director-, Ministry of Transport, Myanmar	Towards a Better ASEAN Connectivity Dr. Chula Sukmanop, Director-General of OTP, MOT, Thailand	Shall Thailand Road Safety Be Ready for ASEAN Connectivity? By Dr. Witaya Chadbanchachai, Depty Director of Khon Kaen Hospital and WHO Expert Advisory Panel
13:30 – 15:30		Session 2: Parallel Session of Main Symposium and ATRANS Young Researcher’s Forum Session			
		Session2A: Traffic Safety, moderated by Prof. Dr. Pichai Taneerananon, PSU			
		Road Traffic Accidents and Road Safety Strategy in Lao PDR By Mr. Thongvanh Phetthaviseng, Deputy Director-General of Transport Dept., MOT, Lao, PDR			
		Utilizing Safety Map Applications for Traffic Safety in Community By Hideaki Takaishi, Chief Engineer of Environment and Safety Planning Office, HONDA Motor, Co.,Ltd., Japan			
		Road Safety Analysis in Asian Countries: Nepal and Thailand Experiences By Asst. Prof. Dr. Pongrid Klungboonkrong, Deputy Director of Sustainable Infrastructure Research and Development Center, Khon Kaen University			
		Road Safety and Child Safety Promotion in Middle Income Countries: Thailand As A Case Study By Assoc.Prof. Dr. Adisak Plitponkarnpim & Dr. Chatchai Im-arom, Child Safety Promotion & Injury Prevention Research Center, Thailand			
15:30 – 15:50		Coffee Break & Poster Session			
15:50 – 17:50		Session 3: Parallel Session of Main Symposium			
		Session 3A: “Rail & Transit Oriented Development (TOD)” Moderated by Mr. Chamroon Tangpaisalkit, ATRANS Board member			
		Rail Development and Transit Oriented Development (TOD) By Assoc. Prof. Dr. Agachai Sumalee, King Mongkut Institute of Technology Ladkrabang (KMITL)			
		Investment strategy and Schedule control for High Speed Rail (HSR) project By Mr. Tetsuhisa Kobayashi, Railway System Specialist, TEAM Consulting Engineering and Management Co.,Ltd., Thailand			
		Mass Rapid Transit and Potentiality of Transit Oriented-Development (TOD) By Dr. Somprasong Suttayamully, Director Director, Technical Division, Mass Rapid Transit Authority of Thailand			
		Towards Transit-Oriented Development in Bangkok: Evidence and Challenges By Assoc.Prof.Dr.Saksith Chalermpong, Chulalongkorn University			
		Session 3B: Logistic & Disaster Management moderated by Mr. Oravit Hemachudha, ATRANS Board member			
		Transportation Infrastructure Development for Regional and Cross Border Logistics By Mr. Ukrit Karoonkorn, Freight Transport Bureau, Department of Land Transport			
		Thailand Logistics Hub for AEC 2015 By Dr. Parichart Pattanamekar, Traffic and Transport Engineer, TLT, Co., Ltd.,			
		Monitoring Movement of People and its Applications By Assoc. Prof. Dr. Masahiko Nagai, Center for Spatial Information Science, The University of Tokyo, Japan			
		Truck Ban in The City of Manila and Port Congestion By Assoc.Prof.Dr. Alexis Fillone, De La Salle U., Philippines			

Continued:-

**Day 1: Main Symposium**

Duration	Program		
15:50 – 17:50	<b>Session 3: Parallel Session of Main Symposium</b>		
	<b>Session 3C: Transportation &amp; Energy &amp; Environment</b> moderated by Assoc. Prof. Dr. Chumnong Sorapipatana, JGSEE		
	<b>Speculating on Ideal Transport System in the Future: The Evolution of Connected and Autonomous EV</b> By Prof. Dr. Katsutoshi OHTA, Professor Emeritus of University of Tokyo, Japan		
	<b>Infrastructure Aspects on EV Charging Stations in Thailand</b> By Ms. Sasianong Phloikasemsook, Metropolitan Electricity Authority, Thailand		
	<b>EV Technological Development in Thailand</b> By Assoc.Prof.Dr.WERACHET KHAN-NGERN, King Mongkut Institute of Technology, Ladkrabang		
	<b>Impact of EV Development on Electricity Demand in Thailand</b> By Dr. Nuwong Chollacoop, MTEC, Ministry of Science and Technology		
	<b>Session 3D: Intelligent Transportation System Technology</b> moderated by Dr. Passakon Prathombutr, NECTEC		
	<b>Intelligent Transportation Systems toward Safer Highways</b> By Dr. Songrit Chayanan, Head of Data Collection Group, Bureau of Highway Safety, Department of Highways		
	<b>ITS Policies and Implementation in Vietnam</b> By Asst. Prof. Dr. Dinh Van Hiep, President, Institute of Planning and Transportation Engineering (IPTE), National Univ of Civil Engineering, Vietnam		
	<b>The Solution of Traffic Management System for Expressway Authority of Thailand</b> By Dr. Sakda Panwai, Director of Expressway Engineering System Research and Development		
	<b>ITS Application for Speed Enforcement</b> By Dr. Saroch Boonsiripant, Faculty of Engineering, Kasetsart University		
17:50 – 18:00	<b>Young Researcher's Forum Paper Awarding and Closing Remark</b>		
	Best Young Researcher Paper & Presentation Award	Certification for Young Researcher Committee	Closing Remark By 1 <sup>st</sup> Vice-chairperson
19:00 – 21:00	<b>Reception Party</b> (for ATRANS members and invited guests only)		

Continued:-

Continued:-

**Day 2: Technical Visit - Air Traffic Control Tower, Suvarnabhumi Airport**

Duration		Tentative Program/Tentative Agenda	Remarks
7:45 – 8:00	Morning session	Gathering at Imperial Queen's Park Hotel's Lobby	<p>The technical visit can accept only 60 persons. So, to reserve your seat, early registration is required.</p> <p>2 buses are provided by AP HONDA.</p> <p>Light meal and soft drink are provided on board.</p>
8:00-8:30		Departure from Hotel by Buses and arrival at Airport Rail Link, Makkasan Station	
8:30-9:00		Short study Tour at Airport Rail Link	
9:20-9:30		Take Airport Rail Link to Suvarnabhumi Airport	
9:45-10:00		Take buses from airport terminal to Air Traffic Control	
10:00 – 11:00		Visit Air Traffic Control Tower, Listen to presentation & See practical operation	
11:00 - 11:30		Conclusion of technical visit & Group Photo Taken	
11:30 – 12:30		Leave Air Traffic Control and back to Hotel by buses	

Time	Program
8:30-9:00	Registration
<b>- Opening Session - (Room: Queen's Park 1, 2nd Floor)</b>	
9:00-9:10	Introductory remarks by Mr. Akira Hasekawa, Managing Director of International Association of Traffic and Safety Sciences (IATSS)
9:10-9:20	Welcome remarks by Prof.Dr. Wiroj Rujopakarn, ATRANS Chairperson
9:20-9:30	Opening remarks by Permanent Secretary Soithip Trisuddhi, Ministry of Transport, Thailand
9:30-9:40	Essay and Drawing Competition Awarding Ceremony by The Permanent Secretary of Ministry of Transport, Thailand
9:40-10:00	Coffee Break and See Poster Session & other exhibitions
<b>&lt;Session 1&gt; Panel Discussion on "Towards Better ASEAN Connectivity and Safety" (Room: Queen's Park 1, 2nd Floor)</b> <b>moderated by Mr. Silpachai Jarukasemratana, Former Permanent Secretary of MOT, Thailand (Each speaker has 20-min for presentation and 5-min for Q&amp;A)</b>	
10:00-10:25	Lao PDR: Ways Forwards Regional Transport Integration, By Dr.Bounla Onnavong, Director of Planning and Budgeting Division, Ministry of Transport, Lao PDR
10:25-10:50	Policy & Implementation towards better connectivity in ASEAN, By Mr. Ye Myint, Director of Legal and Technical Standard Division, Ministry of Transport, Myanmar
10:50-11:15	Policy & Planning and Implementation Towards better ASEAN Connectivity and Safety, By Dr. Khuat Viet Hung, Executive Vice Chairman of National Traffic Safety Committee, Vietnam
11:15-11:40	Towards a Better ASEAN Connectivity, By Dr. Chula Sukmanop, Director-General of Marine Department, MOT, Thailand
11:40-12:05	Shall Thailand Road Safety Be Ready for ASEAN Connectivity?, By Dr. Wilaya Chadbanchachai, Deputy Director of Khon Kaen Hospital and WHO Expert Advisory Panel
12:05-12:20	Discussion, Q & A
12:20-13:20	Luncheon provided at Parkview Restaurant on ground Floor

## 1st Afternoon session

<Session 2> Parallel Session of Main Symposium and Young Researcher's Forum				
13:20-15:30	<b>Session 2A: Traffic Safety - Main Symposium</b> Moderated by Prof.Dr.Pichai Taneerananon, PSU (Each speaker has 20min for presentation) <b>Room: Queen's Park-1 , 2th Floor (main room)</b>	<b>Young Researcher's Forum paper presentations Session</b> (Each presenter has 7 min for presentation and 3 min for Q&A)		
		<b>Session 2B-1: Topics 1-9 English session</b> <b>Room: Queen's Park 4 , 2nd Floor</b>	<b>Session 2C-1 &amp; 2C-2: Topics 1-9 English session</b> <b>Room: Queen's Park 5 , 2nd Floor</b>	<b>Session 2D-1 &amp; 2D-2: Topics 1-9 Eng &amp; thai session</b> <b>Room: Queen's Park 6 , 2nd Floor</b>
13:20-13:40	<b>Road Traffic Accidents and Road Safety Strategy in Lao PDR</b>  By Mr. Thongvanh Phelthaviseng, Deputy Director-General of Transport Dept., MOT, Lao, PDR	<b>YRF14-009:</b> Parking Management Measures Towards A Sustainable Transportation in Hanoi Urban Areas: A Case Study in Hoan Kiem District, By Truong Hoang Hai, Dinh Van Hiep  <b>YRF14-027:</b> Study on Built-Environment Best Practices & Lifestyles Towards Metro Use: Case Study of Chatuchak District, Bangkok, By Duangporn Prasertsabhakiti, Sirithip Wasinrat	<b>YRF14-008:</b> Effect of Flooding on Mountainous Transportation System, By Dinh Tung Vuong, Hung Pham, Anh Dung Pham  <b>YRF14-043:</b> Current Bus Service Operating Characteristics Along EDSA, Metro Manila, Philippines, By Krister Ian Daniel ROQUEL, Alexis FILLONE	<b>YRF14-001:</b> Comparative Accident Severity Study of High Accident Intersections and Low Accident Intersections, By Sharad Bajrachaya  <b>YRF14-002:</b> Means of Political and Land Use Boundaries for Urban Transport Planning Purposes, By Rico Angelo CHIU, Lawrence Kristoffer CHUA, Gizelle Mae LIM, Marco SALCEDO, Alexis FILLONE
13:40-14:00	<b>Vietnam Transport Safety Policy and Road Traffic Accidents</b>  By Dr. Khuat Viet Hung, Executive Vice Chairman of National Traffic Safety Committee, Vietnam	<b>YRF14-029:</b> Analysis of Traffic Accident at Signalized Intersections, By Tran Quang Vuong, Vu Anh Tuan  <b>YRF14-030:</b> Designing and Modeling of BRT Signal Priorities under Mixed Traffic Conditions, By Duc Nguyen HUYNH, Anh Tuan VU	<b>YRF14-046:</b> The Panay-Guimaras-Negros Bridge Project: An Initial Assessment, By Nicanor ROXAS, Jr., Alexis FILLONE  <b>YRF14-047:</b> Mode Choice Analysis of Urban Trips in Iloilo City, By Frederick Lloyd A. SOSUAN, Alexis M. FILLONE	<b>YRF1-003:</b> IMPACT ASSESSMENT OF TRAFFIC MANAGEMENT MEASURES IN THE VICINITY OF DE LA SALLE UNIVERSITY – MANILA, By Danica CARPIO, Joshua CHUA, Analyn Dela PENA, Kervin LUCAS  <b>YRF14-005:</b> การศึกษาพื้นที่เกิดอุบัติเหตุทางถนนในประเทศไทยจากข้อมูลการเกิดอุบัติเหตุ (Road Black Spot Analysis from Thailand's Road Accident Data), By Surask Srisawangwong, Supom Pongnumkul
14:00-14:20	<b>Utilizing Safety Map Applications for Traffic Safety in Community</b>  By Hideaki Takaishi, Chief Engineer of Environment and Safety Planning Office, HONDA Motor, Co.,Ltd., Japan	<b>YRF14-034:</b> Effects of Pyrolyzed Waste Cooking Synthetic Diesel Fuel on Performance of A Multi-Cylinder DI Diesel Engine, By Kanit WATTANAVICHIE, Teerawat RAKYHAO, Prasobchok POTHIKUL  <b>YRF14-040:</b> Possibilities of ModalShift to Public Transport in Developing Asian Cities-An Empirical Examination in Hanoi City, By Vu Anh TUAN	<b>YRF14-048:</b> Study on Effective Lane Usage Including Bus Exclusive Lane for Motorcycles, By Wataru MATSUMOTO, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Yoshihiko HASHINO  <b>YRF14-049:</b> COMPARATIVE ANALYSIS OF VKT FROM TRANSPORTATION DEMAND FORECASTING AND VKT BASED ON ACTUAL DRIVING DISTANCE IN CITY, By Hatsuki MORI, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Thaned SATIENNAM	<b>YRF14-006:</b> การศึกษาความปลอดภัยในการใช้การจราจรสาธารณะระหว่างเมืองในภาคใต้ A Study of Safety of Inter - city Passenger Van Services In Southern Thailand), By Jaray Poolpol, Pichai Taneerananon  <b>YRF14-010:</b> การวิเคราะห์ภัยอันตรายของการโดยสารประจำทางเส้นทาง – แม่สอด (Bus Fare Analysis of Tak-mae Sot Route), By Ratanapong CHUNGCHUA, Prada PICHAYAPAN
14:20-14:40	<b>Road Safety Analysis in Asian Countries: Nepal and Thailand Experiences</b>  By Asst. Prof. Dr. Pongrid Klungboonkrong, Deputy Director of Sustainable Infrastructure Research and Development Center, Khon Kaen University	<b>2B-2: Topics 1-9 English session (14:40 - 15:30)</b>  <b>YRF14-004:</b> Constructing Fly-Over Bridges at Intersections in Urban Area to Solve Traffic Congestion in Hanoi Capital, By TIEN Le Ngoc, LONG Tran Viet , TUNG Vuong Dinh, CHANH Pham Viet	<b>2C-2: Topics 1-9 English session (14:40 - 15:30)</b>  <b>YRF14-050:</b> STUDY ON THE EVALUATION OF THE ROUNDABOUT UTILIZING MICRO TRAFFIC SIMULATION MODEL, By Takuya KOJIMA, Atsushi FUKUDA, Tetsuhiro ISHIZAKA, Paramet LUATHEP	<b>2D-2: Topics 1-9 English session (14:40 - 15:30)</b>  <b>YRF14-012:</b> ระบบปฏิบัติการเพื่อตรวจจับอุบัติเหตุจากข้อมูล GPS (Automatic Bus Route Detecting System on GPS Data), By Attaphon PAYANATUM, Saroch BOONSIRIPANT, Taid SONGSANG
14:40-15:00	<b>Road Safety and Child Safety Promotion in Middle Income Countries: Thailand As A Case Study</b>  By Assoc.Prof. Dr. Adisak Pitponkarnpim & Dr. Chatchai Im-aron, Child Safety Promotion & Injury Prevention Research Center, Thailand	<b>YRF14-013:</b> Assessment of The On-Street Parking Management in Ermita-Malate, Philippines, By Arian Aquino BULACTIAL, Federico Tan DIZON, Mark Wesley Chang GARCIA, Grace Padayhag GUETA, Judylyn Caabay VALDEZ  <b>YRF14-014:</b> Improve Accessibility and Ensure Multimodality of Metro Line With Public Transport System in Hanoi, By Tuan Anh Luong, Hai Linh LE	<b>YRF14-051:</b> Mode Change Behavior of Bus Passengers to Rail System under Improved Rail Operations, By Germaine Ann C. DILAY, Alexis M. FILLONE  <b>YRF14-052:</b> Introduction of Bus & BRT Systems along A Major Road Corridor in Iloilo City, Philippines, By Joniemar CALDERON, Mary Elai Daryl GRIJO, Rowena DELATINA, Ritz Michael LACSON, Shevane Ruth DELA CRUZ	<b>YRF14-019:</b> การหาความสัมพันธ์ระหว่างพฤติกรรมการใช้เส้นทางจากเซนเซอร์ในโทรศัพท์มือถือและจำนวนการเกิดอันตรายบนถนน (Modeling frequencies of road accident using aggressive driving behaviours from smartphone sensory data), By Nitai TEPNARONG, Supom PONGNUMKUL, Chakrmond SAIRASERT, Pimwadee CHAVALIT  <b>YRF14-023:</b> ระบบปฏิบัติการแจ้งเตือนอุบัติเหตุจราจรทางรถไฟจากตำแหน่งโทรศัพท์มือถือของผู้โดยสาร (A System for Passenger Train's Arrival and Departure Update of Using Rider's Smartphone GPS Trace), By Theethat THIRATTHANKUL, Surask SRIISAWANGWONG, Narin KUNASETH, Komchawal CHAIPAH, Supom PONGNUMKUL
15:00-15:30	Discussion, Q & A	<b>YRF14-022:</b> Utilizing Multimodal Public Transportation Route Planners for Long-Term Sustainable Transportation Networks, By Chelcie NARBONETA, Kardi TEKNOMO	<b>YRF14-053:</b> COMPARISON OF TRAVEL BEHAVIOR AND RESPONSES TO CHANGE IN TRANSIT FARE BETWEEN BANGKOK AND MANILA RAIL SYSTEMS, By Marcus Kyle BARO, Kasem CHOOCHARUKUL	<b>YRF14-028:</b> การวิเคราะห์ปัจจัยทางบริบทของเมืองที่มีผลต่อการเพิ่มศักยภาพในการจราจรในจังหวัดเชียงใหม่ (Analysis of Intersection-Related Factors Affecting Traffic Signal Violations in Chiang Mai), By Wichaya SONGSAENG, Prada PICHAYAPAN, Nopadon KRONGRASERT
		<b>YRF14-041:</b> User Perception Towards Service Quality of Public Bus Transportation in Anuradhapura District, SRI LANKA, By Gayani Sasendrika GUNARATHNE, Djoen San SANTOSO	<b>YRF14-059:</b> HIGHWAY-RAILWAY GRADE CROSSING (HRGC) SAFETY AUDIT: A CASE STUDY OF HRGC IN PHITSANULOK Province, By Donyarit SETTASUWACHA , Suchinthon SONGSITIDET , Surachet WANNA, Kritsana KLINDEE	<b>YRF14-031:</b> การศึกษาปัจจัยที่มีผลต่อระยะเวลาและพฤติกรรมการจอดรถภายในห้างสรรพสินค้ากรณีศึกษาห้างสรรพสินค้าเดอะมอลล์จังหวัดนครราชสีมา (Factor affecting parking behavior in the parking: A case study of The Mall, Nakhon Ratchasima), By Warut SUMMAR, Phattarasuda WITCHAYAPHONG, Siradol SIRADHARA
		<b>YRF14-042:</b> DEVELOPING A PUBLIC TRANSIT SCHEDULING TOOL FOR METRO MANITA BUS OPERATORS, By Raymund Paolo B. ABAD, Alexis M. FILLONE	<b>YRF14-060:</b> GPS Enabled Taxi Probe's Big Data Processing for Traffic Evaluation of Bangkok Using Apache Hadoop Distributed System, By Saurav RANJIT, Masahiko NAGAI, Itti RITTAPORN, Fredrik HILDING	<b>YRF14-032:</b> การส่งเสริมการใช้การมาแบบสองล้อแบบเพื่อการขนส่งอย่างยั่งยืน (Encouraging Bicycling alongside Saen Seab Canal for Transportation Sustainability), By Pennapha SUKBANPHAN, Pratapong UPALA
15:30-15:50	<b>Coffee Break and See Poster Session &amp; other exhibitions</b>			
				<b>YRF14-058:</b> การตัดสินใจที่ไม่ปลอดภัยของผู้ใช้สามล้อในประเทศไทยและสามล้ออยู่ในกรุงเทพมหานคร (Risky driving behavior of three countries and tries and three age group in Bangkok),By Chanida INTASIE, Sorawit NARUPITI

## 2nd Afternoon session

<Session 3> Parallel Session (Each speaker has 20-min for presentation and 5-min for Q&A)				
15:50-17:50	<b>Session 3A: Rail System and Transit Oriented Development (TOD)</b> Moderated by Mr. Chamroon Tangpaisalkit, ATRANS Board Member	<b>Session 3B: Logistics &amp; Disaster Management</b> Moderated by Mr. Oravit Hemachudha, ATRANS Board member	<b>Session 3C: Transportation, Energy &amp; Environment</b> moderated by Assoc. Prof. Dr. Chumnong Sorapipatana, JGSEE, KMUTT	<b>Session 3D: Intelligent Transportation System (ITS) and Safety</b> Moderated by Dr. Passakon Prathombutr, NECTEC
	Room: Queen's Park-1, 2th Floor (main room)	Room: Queen's Park 4, 2nd Floor	Room: Queen's Park 5, 2nd Floor	Room: Queen's Park 6, 2nd Floor
15:50-16:15	<b>Rail Development and Transit Oriented Development (TOD)</b>  By Prof. Dr. Agachai Sumalee, King Mongkut Institute of Technology Ladkrabang (KMITL)	<b>Transportation Infrastructure Development for Regional and Cross Border Logistics</b>  By Mr. Ukrit Karoonkorn, Freight Transport Bureau, Department of Land Transport	<b>Speculating on Ideal Transport System in the Future: The Evolution of Connected and Autonomous EV</b>  By Prof. Dr. Katsutoshi OHTA, Professor Emeritus of University of Tokyo, Japan	<b>Intelligent Transportation Systems toward Safer Highways</b>  By Dr. Songrit Chayanan, Head of Data Collection Group, Bureau of Highway Safety, Department of Highways
	<b>Investment strategy and Schedule control for High Speed Rail (HSR) project</b>  By Mr. Tetsuhisa Kobayashi, Railway System Specialist, TEAM Consulting Engineering and Management Co.,Ltd., Thailand	<b>Thailand Logistics Hub for AEC 2015</b>  By Dr. Parichart Pattanamekar, Traffic and Transport Engineer, TLT, Co., Ltd.,	<b>Infrastructure Aspects on EV Charging Stations in Thailand</b>  By Ms. Sasianong Phloikasemsook, Metropolitan Electricity Authority, Thailand	<b>ITS Policies and Implementation in Vietnam</b>  By Asst. Prof. Dr. Dinh Van Hiep, President, Institute of Planning and Transportation Engineering (IPTE), National University of Civil Engineering, Vietnam
16:40-17:05	<b>Mass Rapid Transit and Potentiality of Transit Oriented-Development (TOD)</b>  By Dr. Somprasong Suttayamully, Director Director, Technical Division, Mass Rapid Transit Authority of Thailand	<b>Monitoring Movement of People and its Applications</b>  By Assoc. Prof. Dr. Masahiko Nagai Center for Spatial Information Science, The University of Tokyo, Japan	<b>EV Technological Development in Thailand</b>  By Assoc.Prof.Dr.WERACHET KHAN-NGERN, King Mongkut Institute of Technology, Ladkrabang	<b>The Solution of Traffic Management System for Expressway Authority of Thailand</b>  By Dr. Sakda Panwai, Director of Expressway Engineering System Research and Development
	<b>Towards Transit-Oriented Development in Bangkok: Evidence and Challenges</b>  By Assoc.Prof.Dr.Saksith Chalermpong, Chulalongkorn University	<b>Truck Ban in The City of Manila and Port Congestion</b>  By Assoc.Prof.Dr. Alexis Fillone, De La Salle U., Philippines	<b>Impact of EV Development on Electricity Demand in Thailand</b>  By Dr. Nuwong Chollacoop, MTEC, Ministry of Science and Technology	<b>ITS Application for Speed Enforcement</b>  By Dr. Saroch Boonsiripant, Faculty of Engineering, Kasetsart University
17:05-17:30				
17:30-17:50	Discussion, Q & A	Discussion, Q & A	Discussion, Q & A	Discussion, Q & A
<b>ATRANS Young Researcher's Forum Paper Awarding and Closing Remark</b>				
17:50 – 18:00	Best Young Researcher Paper & Presentation Awards / Certification for Young Researcher Committee			<b>Closing Remark</b> <b>By ATRANS 1st Vice-chairperson</b>
19:00-21:00	<b>Reception Party (for ATRANS members and invited guests only)</b>			