



Live Stream



Asian Transportation Research Society

13TH ATRANS ANNUAL CONFERENCE**4 December 2020 at the Carlton Hotel, Sukhumvit 27, Bangkok, Thailand**

สมาคมวิจัยวิทยาการขนส่งแห่งประเทศไทย

Conference Program, 4 December 2020**9:00 – 10:00 Opening Session, Room: Carlton Grand Ballroom, 9th Floor****9:10 – 9:15 Introductory Message**By Mr. Chamroon Tangpaisalkit,
Chairperson, ATRANS**9:15 – 9:30 Welcome Message**By Mr. Satoshi Kamada,
Executive Director, IATSS**9:30 – 9:50 Opening Remark**By H. E. Arkhom Termpittayapaisith
Minister of Finance, Thailand**9:50 – 10:30 Keynote Lecture: “Economic Trend and Direction on Government Investment in Transportation and Logistics Post Covid-19 Era”**

By H. E. Arkhom Termpittayapaisith, Minister of Finance, Thailand

10:30 – 10:40 Coffee Break**10:40 – 12:30 Morning Session Room: Carlton Grand Ballroom, 9th Floor****Session 1: Digital Transformation in Transportation & Logistics Post COVID-19 Era, Moderated by Assoc. Prof. Dr. Pongrid Klungboonkrong, ATRANS Board, Khon Kean University**

10:40 – 10:55

Speaker 1:

“Digital Transformation in Transportation & Logistics Post COVID-19 Era: Japan Perspective”

By Prof. Dr. Atsushi Fukuda,
IATSS Advisor and ATRANS Honorable
Advisor, Nihon University, Japan

10:55 – 11:10

Speaker 2:

“Digital Transformation in Transportation & Logistics Post COVID-19 Era: Korea Perspective”

By Dr. Taewan Kim, P. E.
Professor, Dept of Urban Engineering,
Chung-Ang University, Seoul, Korea

11:10 – 11:25

Speaker 3:

“Government Policy Response to Digital Transformation in Transportation & Logistics Post COVID-19 Era”

By Mr. Danucha Pichayanan,
Secretary-General, Office of the National
Economic and Social Development Council
(NESDC)

11:25 – 11:40

Speaker 4:

“Digital Transformation in Air Transport: Thailand Perspective”

By Dr. Chula Sukmanop,
Former Director-General of the Civil
Aviation Authority of Thailand (CAAT)

11:40 – 11:55

Speaker 5:

“Digital and Socio-Economic Disruption Post COVID-19 Era”

By Dr. Kirida Bhaopichitr,
Research Director, International Research
and Advisory Service,
Thailand Development Research Institute
(TDRI)**11:55 – 12:30 Discussion, Q & A****12:30 – 13:30 Buffet Lunch provided at The Plate Restaurant, Underground Floor****13:30 – 15:30 First (1st) Afternoon Sessions****Session 2A: “Current situation and issues for introduction of autonomous vehicles to our society,” Room: The Carlton Ballroom 1, 9th Floor, Moderated by Asst.Prof.Dr. Sittha Jaensirisak, Ubonratchathani University**

13:30 – 13:45

Speaker 1:

“Legal issue and acceptability of Society on autonomous vehicle”

By Prof. Takeyoshi IMAI, IATSS member,
The Director of the Criminal Law Society of
Japan and the High-Level Advisor to the
Secretary General of the OECD, Hosei
University

13:45 – 14:00

Speaker 2:

“Technological issue to accept autonomous vehicle in Society”

By Prof. Dr. Toshihiro HIRAOKA, IATSS
Member, University of Tokyo, Japan

14:00 – 14:15

Speaker 3:

“Development and Testing of Autonomous Vehicle (AV) in Thailand”

By Asst. Prof. Dr. Nuksit Noomwong,
Smart Mobility Research Center,
Chulalongkorn University, Thailand

14:15 – 14:30

Speaker 4:

“Autonomous Vehicle (AV) Initiative in Thailand”

By Assoc.Prof.Dr. Sorawit Narupiti, Faculty
of Engineering, Chulalongkorn University,
Thailand

14:30 – 14:45

Speaker 5:

“Technical and Regulatory Framework for Autonomous Vehicles (AV)”

By Dr. Nuwong Chollacoop,
Renewable Energy & Energy Efficiency
Research Team Leader, National Energy
Technology Center (ENTEC)**14:45 – 15:30 Discussion and Q & A****Session (IATSS) 2B: Road Safety, Room: The Carlton Ballroom 2, 9th Floor, Moderated by Assoc.Prof.Dr. Varameth Vichiensan, Kasetsart University**

13:30 – 13:45

Speaker 1:

“Behavioral Orientation and Safety Education: In Case of Japan”

By Prof. Dr. Kazuhisa Ogawa,
IATSS member, General
Education Center, Tohoku
Institute of Technology, Japan

13:45 – 14:00

Speaker 2:

“Management of Road Safety: Global Experiences compares to Thailand Cases”

By Dr. Madan Bandhu Regmi,
Transport Division, United Nations
Economic and Social Commission for
the Asia and the Pacific (UNESCAP)

14:00 – 14:15

Speaker 3:

“Highway Safety and Management of Accident Data: In case of Thailand”

By Dr. Suebpong Paisalwattana,
Director of Highway Safety
Bureau, Department of
Highways, MOT

14:15 – 14:30

Speaker 4:

“Development and Testing of Vehicle safety systems in Thailand”

By Mr. Setthaluth Pangkreung,
Researcher, National Metal and
Materials Technology Center
(MTEC)

14:30 – 14:45

Speaker 5:

“Can Risk-Taking Road Users be Solved by Safe System Approach?”

By Dr. Sumet Ongkittikul,
Research Director, Transportation
and Logistics Policy, TDRI

14:45 – 15:00

Speaker 6:

“Motorcycle Safety in Thailand”

By Dr. Witaya Chadbunchachai, Head
of WHO Collaborating Centre on
Trauma and Critical Care, Khon Kaen
Regional Hospital, Thailand**15:00 – 15:30 Panel Discussion and Q & A**



Live Stream



Asian Transportation Research Society

13TH ATRANS ANNUAL CONFERENCE**Program of 13th ATRANS Annual Conference: Young Researcher's Forum 2020**

สมาคมวิจัยวิชาการขนส่งแห่งเอเชีย

Continued from previous page

15:30 – 15:50 Coffee Break				
15:50 – 17:50 2 nd Afternoon Session: ATRANS Young Researcher's Forum Paper Presentations (Each presenter has 9-minute for presentation and 3-minutes for Q&A)				
15:50 – 16:50 Session 3A-1: ATRANS Young Researcher's Forum Paper Presentation, Room: Carlton Ballroom 1, 9 th Floor Moderated by Pol.Lt.Col.Dr.Waiphot Kulachai. Burapha University				
15:50 – 16:02 AYRF Paper No.003-20 Efficient Management of Revenue and Subsidy for Urban Public Transport Service in Hai Phong City, Vietnam Presented by Vu Thi Phuong Hoa	16:02 – 16:14 AYRF Paper No.004-20 Current Situation and Solutions to Enhance Service Quality of Public Transport in Hai Phong City, Vietnam Presented by Nguyen Quang Thanh	16:14 – 16:26 AYRF Paper No.005-20 Evaluation of Accessibility for Road Transport during Urban Flood: The Case Study of Ubon Ratchathani, Thailand Presented by Noriyasu TSUMTIA	16:26 – 16:38 AYRF Paper No.007-20 Parking Design and Management for the Heritage District of Vigan City Presented by Dominic CUTANGCO	16:38 – 16:50 AYRF Paper No.008-20 Transport Mode Choice Analysis for the Pasay to Batann Route: Revealed and Stated Preference Study Presented by Ken YAMGUCHI
16:50 – 17:50 Session 3A-2: ATRANS Young Researcher's Forum Paper Presentations, Room: Carlton Ballroom 1, 9 th Floor Moderated by Asst.Prof.Dr.Paramet Luathep, Prince of Songkla University				
16:50 – 17:02 AYRF Paper No.009-20 Effect Assessment of Congestion Charge Scenarios in Ho Chi Minh City by Using Traffic Simulation Tool Presented by Thi Thanh Huong NGUYEN	17:02 – 17:14 AYRF Paper No.010-20 Effect Assessment of Weather-responsive Traffic Management Strategies by Using Traffic Simulation Tool Presented by Thi Thanh Huong NGUYEN	17:14 – 17:26 AYRF Paper No.016-20 Analysis of Impact of COVID-19 Measures on Travel Behavior: Perspective from International Comparison Presented by Hiroki KIKUCHI	17:26 – 17:38 AYRF Paper No.022-20 Application of remote participatory process to support wide implementation of Bangkok's carsharing service – a preliminary result Presented by Monthira Phamornmongkhonchai	17:38 – 17:50 AYRF Paper No.024-20 Residential Preference of Different Socio-economic Groups in Mandalay Presented by Theint Htet Htet Aung
15:50 – 16:50 Session 3B-1: ATRANS Young Researcher's Forum Paper Presentation, Room: Carlton Ballroom 2, 9 th Floor Moderated by Asst.Prof.Dr. Saroch Boonsiipant, Kasetsart University				
15:50 – 16:02 AYRF Paper No.017-20 Characterizing Start-Up Lost Times in Metro Manila Presented by Ralph PAYUMO	16:02 – 16:14 AYRF Paper No.018-20 Integrating Lean Principles and Building Information Model towards the benefits of traffic participants into the Operation and Maintenance Phase Presented by Hieu Trung DINH	16:14 – 16:26 AYRF Paper No.019-20 Impact Assessment of Pedestrianization on the Revival of Escolta Street, Manila Presented by Mark David ALEJANDRO	16:26 – 16:38 AYRF Paper No.020-20 A Study over Traveler Priority in Choosing the Mode of Transportation for Daily Commuting in Developing Countries Using the Analytic Hierarchy Process: A Case Study in Hyderabad, India Presented by Bethala ADITYA	16:38 – 16:50 AYRF Paper No.021-20 Impact of COVID-19 on Usage of Third-Party Food Delivery Services in Metro Manila Presented by Alberto A. CUA

Page
2



Live Stream



Asian Transportation Research Society



สมาคมวิจัยวิชาการขนส่งแห่งเอเชีย

Continued on next page

Program of 13th ATRANS Annual Conference: Young Researcher's Forum 2020

Continued from previous page

15:50 – 17:50

2nd Afternoon Session: ATRANS Young Researcher's Forum Paper Presentations

16:50 – 17:50 Session 3B-2 (TH): ATRANS Young Researcher's Forum Paper Presentations, Room: Carlton Ballroom 2, 9th Floor

Moderated by Dr.Pattarathep Sillaparcharn , Department of Highways

<p style="text-align: center;">16:50 – 17:02 AYRF Paper No.001-20 การพัฒนายานพาหนะต้นแบบขับเคลื่อนระยะไกลผ่านเครือข่าย 5G</p> <p style="text-align: center;">Presented by กฤษฎี ศ.ศิริวัฒนา</p>	<p style="text-align: center;">17:02 – 17:14 AYRF Paper No.006-20 ปัจจัยสภาพแวดล้อมทางกายภาพที่มีผลต่อความงามและการรับรู้อัตลักษณ์เชิงพื้นที่ของรถไฟฟ้ามหานครสายสีน้ำเงิน</p> <p style="text-align: center;">Presented by อรสรวง แสงสุก</p>	<p style="text-align: center;">17:14 – 17:26 AYRF Paper No.013-20 การวิเคราะห์ความสามารถในการเข้าถึงพื้นที่ส่วนสาธารณะภายในกรุงเทพมหานคร : กรณีศึกษา เขตประเวศ เขตมีนบุรี และเขตลาดกระบัง</p> <p style="text-align: center;">Presented by ณัฐชญาดา คัมพะสิทธิ์</p>	<p style="text-align: center;">17:26 – 17:38 AYRF Paper No.023-20 กฎหมายและข้อกำหนดที่เกี่ยวข้องกับการออกแบบสภาพแวดล้อมทางกายภาพและความปลอดภัยของพื้นที่เชื่อมต่อระหว่างสถานีขนส่งมวลชนกับอาคาร</p> <p style="text-align: center;">Presented by ฐานันท์ พันธุ์เพชร</p>	<p style="text-align: center;">17:38 – 17:50 AYRF Paper No.025-20 การจัดการแบบบูรณาการของหน่วยงานที่เกี่ยวข้องส่งผลกระทบต่อ การเปลี่ยนแปลงพฤติกรรมการใช้จักรยานเชื่อมต่อรถไฟฟ้า</p> <p style="text-align: center;">Presented by สร้อยสวัสดิ์ โรจนกุลศล</p>
---	---	--	--	--

10:30 – 10:40, 13:15 – 13:30, 15:30 – 15:50 AYRF Poster Presentation Session, Room: Foyer Area, 9th Floor

<p style="text-align: center;">AYRF Paper No.012-20 การพัฒนาระบบส่งต่อผู้ป่วยฉุกเฉิน โรงพยาบาลพล อำเภอพล จังหวัดขอนแก่น</p> <p style="text-align: center;">Presented by อมรรัตน์ ชนະบุญ</p>	<p style="text-align: center;">AYRF Paper No.014-20 การพัฒนาระบบการส่งต่อและการคัดกรองผู้ป่วยโรคหลอดเลือดสมอง โดยอาสาสมัครฉุกเฉินการแพทย์ อำเภอพล จังหวัดขอนแก่น</p> <p style="text-align: center;">Presented by จิราพร บัวเย็น</p>	<p style="text-align: center;">AYRF Paper No.015-20 การวิเคราะห์ความสามารถในการเข้าถึงบริการสาธารณสุข : กรณีศึกษาเขตลาดกระบังและเขตมีนบุรี</p> <p style="text-align: center;">Presented by ขวัญใจ ทองแจ่ม</p>
--	--	--

17:50 – 18:00 Closing Session

<p style="text-align: center;">Certificate of Appreciation given to AYRF 2019 Committee</p>	<p style="text-align: center;">Best Paper Presentation Awarding Ceremony</p>	<p style="text-align: center;">Closing ceremony</p>
---	--	---

Conference event Ends

18.30 - 21.00

Reception Dinner by The Pool, 10th Floor