

# TRISTAN VI: Program of the conference

<b>Monday 11</b>			
08:30 - 09:00	<b>Welcome and Introduction</b> Chairperson: <b>Michel Bierlaire</b> Room: <b>Karon A</b>		
09:00 - 10:30	<p>Parallel session 1A: <b>Road pricing I</b> Chairperson: <b>Piet Bovy</b> Room: <b>Kata</b></p> <p><b>Congestion Pricing: Gaining Public Acceptance</b> Speaker: <b>Siriphong Lawphongpanich</b> Authors: <b>Lawphongpanich, Yin, Hearn</b></p> <p><b>Optimal Toll Design From Reliability Perspective</b> Speaker: <b>Hao Li</b> Authors: <b>Li, Bliemer, Bovy</b></p> <p><b>Heterogeneous Users and Variable Road Pricing: Model and Algorithm for the BI-criterion Dynamic User Equilibrium Problem On Large Networks</b> Speaker: <b>Hani Mahmassani</b> Authors: <b>Lu, Mahmassani</b></p>	<p>Parallel session 1B: <b>Routing I</b> Chairperson: <b>Michel Gendreau</b> Room: <b>Kamala</b></p> <p><b>A Large Neighborhood Search Algorithm for the Vehicle Routing Problem with Time Windows</b> Speaker: <b>Louis-martin Rousseau</b> Authors: <b>Desaulniers, Prescott-gagnon, Rousseau</b></p> <p><b>A Robust Optimization Approach to Dispatching Technicians Under Stochastic Service Times</b> Speaker: <b>Cristian Cortés</b> Authors: <b>Cortés, Ordóñez, Souyris, Weintraub</b></p> <p><b>A Multi-restart Deterministic Annealing Metaheuristic for the Fleet Size and Mix Vehicle Routing Problem with Time Windows</b> Speaker: <b>Geir Hasle</b> Authors: <b>Hasle, Braysy, Dullaert, Mester, Gendreau</b></p>	<p>Parallel session 1C: <b>Railway optimization</b> Chairperson: <b>Janny Leung</b> Room: <b>Nai Harn</b></p> <p><b>Rail Crew Re-scheduling: From Planning Towards Operations</b> Speaker: <b>Daniel Potthoff</b> Authors: <b>Potthoff, Huisman</b></p> <p><b>Multi-carrier Train Scheduling for Freight Transport</b> Speaker: <b>April Kuo</b> Authors: <b>Kuo, Miller-hooks</b></p> <p><b>Approximate Dynamic Programming In Rail Operations</b> Speaker: <b>Warren Powell</b> Authors: <b>Powell, Bouzaiane-ayari</b></p>
10:30 - 11:00	Coffee break		
11:00 - 12:00	<b>Hybrid Choice Models: From Static to Dynamic - Moshe Ben-akiva</b> Chairperson: <b>Michel Bierlaire</b> Room: <b>Karon A</b>		
12:00 - 14:50	Lunch		
14:50 - 15:50	<p>Parallel session 3A: <b>Pedestrian flow models</b> Chairperson: <b>Serge Hoogendoorn</b> Room: <b>Kata</b></p> <p><b>Delays, Variation and Anticipation In Walker Models</b> Speaker: <b>Winnie Daamen</b> Authors: <b>Daamen, Hoogendoorn, Campanella, Bovy</b></p> <p><b>Map-based Autonomous Personal Localisation and Tracking</b> Speaker: <b>Michel Bierlaire</b> Authors: <b>Spassov, Bierlaire, Merminod</b></p>	<p>Parallel session 3B: <b>Routing applications</b> Chairperson: <b>Richard Hartl</b> Room: <b>Kamala</b></p> <p><b>An Effective Heuristic for Ready Mixed Concrete Delivery</b> Speaker: <b>Verena Schmid</b> Authors: <b>Schmid, Doerner, Hartl, Savelsbergh, Stoecher</b></p> <p><b>Column Generation for a Real World Vehicle Routing Problem</b> Speaker: <b>Alberto Ceselli</b> Authors: <b>Ceselli, Righini, Salani</b></p>	<p>Parallel session 3C: <b>Discrete choice models I</b> Chairperson: <b>Quentin K. Wan</b> Room: <b>Nai Harn</b></p> <p><b>Mode and Carrier Choice In the Quebec City - Windsor Corridor: a Random Parameters Approach</b> Speaker: <b>Zachary Patterson</b> Authors: <b>Patterson, Ewing, Haider</b></p> <p><b>Modeling Residential Mobility and Spatial Search Behaviour: Evidences From Greater Toronto Area</b> Speaker: <b>Muhammad Habib</b> Authors: <b>Habib, Miller</b></p>
15:50 - 16:00	Short break		
16:00 - 17:00	<p>Parallel session 4A: <b>Network design</b> Chairperson: <b>Teodor Gabriel Crainic</b> Room: <b>Kata</b></p> <p><b>Stochastic Service Network Design: a Deterministic Primal Heuristic</b> Speaker: <b>Stein W. Wallace</b> Authors: <b>Wallace, Crainic, Lium, Kaut</b></p> <p><b>Introducing Asset Management to Capacitated Multicommodity Network Design</b> Speaker: <b>Marielle Christiansen</b> Authors: <b>Andersen, Crainic, Christiansen</b></p>	<p>Parallel session 4B: <b>Dynamic routing</b> Chairperson: <b>M. Grazia Speranza</b> Room: <b>Kamala</b></p> <p><b>Short Term Strategies for a Dynamic Multi-period Routing Problem</b> Speaker: <b>Enrico Angelelli</b> Authors: <b>Mansini, Speranza, Angelelli, Bianchessi</b></p> <p><b>Dynamic Vehicle Routing Systems - Survey and Classifications</b> Speaker: <b>Oli B G Madsen</b> Authors: <b>Madsen, Larsen, Solomon</b></p>	<p>Parallel session 4C: <b>Route Choice I</b> Chairperson: <b>Emma Frejinger</b> Room: <b>Nai Harn</b></p> <p><b>On Numerically Solving Continuous Space Dynamic Route Choice Problems</b> Speaker: <b>Serge Hoogendoorn</b> Authors: <b>Hoogendoorn, Daamen, Campanella</b></p> <p><b>Trip-based Route Choice Models - a Method to Eliminate Aggregation Bias In Activity-based Models</b> Speaker: <b>Otto Anker Nielsen</b> Authors: <b>Nielsen</b></p>
17:00 - 17:30	Coffee break		
17:30 - 19:00	<p>Parallel session 5A: <b>Congestion and spillback models</b> Chairperson: <b>Michael Ball</b> Room: <b>Kata</b></p> <p><b>An Analytic Finite Capacity Queueing Network Model Capturing Congestion and Spillbacks</b> Speaker: <b>Carolina Osorio</b> Authors: <b>Osorio, Bierlaire</b></p> <p><b>The Need Of Spillback Simulation In Assessing Robustness: Concepts and a Case Study with Dynamic Route Choice</b> Speaker: <b>Victor Knoop</b> Authors: <b>Knoop, Hoogendoorn</b></p> <p><b>Queueing Models Revisited: Analysis Of Vehicular Delays and Queues Using Adaptive Control at Intersections and Ramps</b> Speaker: <b>Pitu Mirchandani</b> Authors: <b>Mirchandani, Zou</b></p>	<p>Parallel session 5B: <b>Inventory I</b> Chairperson: <b>Frederic Semet</b> Room: <b>Kamala</b></p> <p><b>A Multi-item Transportation Problem By Capacitated Vehicles with a Joint Set-up Cost</b> Speaker: <b>Shoshana Anily</b> Authors: <b>Anily, Tzur, Wolsey</b></p> <p><b>Formulations, Bounds and Heuristic Methods for a Multi-echelon Location-distribution Problem</b> Speaker: <b>Bernard Gendron</b> Authors: <b>Gendron, Semet</b></p> <p><b>Planning a Distribution Chain - a Case From the Swedish Pulp Industry</b> Speaker: <b>Henrik Andersson</b> Authors: <b>Andersson</b></p>	<p>Parallel session 5C: <b>Origin-destination flow estimation</b> Chairperson: <b>Philippe Toint</b> Room: <b>Nai Harn</b></p> <p><b>Handling Inconsistency Of Traffic Counts In Path Flow Estimator</b> Speaker: <b>Anthony Chen</b> Authors: <b>Chen, Chootinan</b></p> <p><b>A Continuously Differentiable Optimization Approach for the Equilibrium-based Origin-destination Matrix Estimation Problem</b> Speaker: <b>Qiang Meng</b> Authors: <b>Meng, Yang</b></p> <p><b>Investigating the Reliability Of the O-d Matrix Correction Procedure Using Traffic Counts</b> Speaker: <b>Vittorio Marzano</b> Authors: <b>Marzano, Papola, Simonelli</b></p>

## Tuesday 12

09:00 - 10:30	<p>Parallel session 6A: <b>Hazardous material transportation</b> Chairperson: <b>Louis-Martin Rousseau</b> Room: <b>Kata</b></p> <p><b>A Bi-level Network Flow Model for Planning Hazmat Shipments</b> Speaker: <b>Stefano Giordani</b> Authors: <b>Bianco, Caramia, Giordani</b></p> <p><b>An Exact Algorithm for a Vehicle Routing Problem with Time Windows and Multiple Use Of Vehicles</b> Speaker: <b>Michel Gendreau</b> Authors: <b>Gendreau, Azi, Potvin</b></p> <p><b>A Lead-time Based Approach for Planning Rail-truck Intermodal Transportation Of Dangerous Goods</b> Speaker: <b>Vedat Verter</b> Authors: <b>Verter, Verma</b></p>	<p>Parallel session 6B: <b>Routing II</b> Chairperson: <b>Martin Savelsbergh</b> Room: <b>Kamala</b></p> <p><b>Network Design, Scheduling and Deployment Planning In Shipping Applications</b> Speaker: <b>Martin W. Andersen</b> Authors: <b>Andersen</b></p> <p><b>An Optimization-based Heuristic for the Split Delivery Vehicle Routing Problem</b> Speaker: <b>Claudia Archetti</b> Authors: <b>Archetti, Savelsbergh, Speranza</b></p> <p><b>A Metaheuristic Approach for the Operational Planning Of Freight Intermodal Transportation</b> Speaker: <b>Silvia Siri</b> Authors: <b>Siri, Sacone, Paolucci, Anghinolfi</b></p>	<p>Parallel session 6C: <b>Route Choice II</b> Chairperson: <b>Otto Anker Nielsen</b> Room: <b>Nai Harn</b></p> <p><b>Stochastic Path Generation Algorithm for Route Choice Models</b> Speaker: <b>Emma Frejinger</b> Authors: <b>Frejinger, Bierlaire</b></p> <p><b>Estimation Of a Route Choice Model with Congestion and Congestion Charging Explicitly Described</b> Speaker: <b>Jeppe Rich</b> Authors: <b>Rich, Mabit, Nielsen</b></p> <p><b>Some Properties and Implications Of Stochastically Generated Route Choice Sets</b> Speaker: <b>Piet Bovy</b> Authors: <b>Bliemer, Bovy, Li</b></p>
10:30 - 11:00	Coffee break		
11:00 - 12:00	<b>Scheduling On-demand Air Transportation - George Nemhauser</b> Chairperson: <b>Pitu Mirchandani</b> Room: <b>Karon A</b>		
12:00 - 14:50	Lunch		
14:50 - 15:50	<p>Parallel session 8A: <b>Online routing</b> Chairperson: <b>Enrico Angelelli</b> Room: <b>Kata</b></p> <p><b>New Competitive Ratios for Generalized Online Routing</b> Speaker: <b>Michael Wagner</b> Authors: <b>Wagner, Jaillet</b></p> <p><b>Online Routing with Nonlinear Disutility Functions In Networks with Markovian Arc Costs</b> Speaker: <b>S. Travis Waller</b> Authors: <b>Boyles, Waller</b></p>	<p>Parallel session 8B: <b>Collaborative Logistic</b> Chairperson: <b>Mikael Rönnqvist</b> Room: <b>Kamala</b></p> <p><b>A Column Generation Approach for the Door Assignment In Ltl-terminals</b> Speaker: <b>Annette Chmielewski</b> Authors: <b>Chmielewski</b></p> <p><b>Collaborative Planning In a Log Truck Pickup and Delivery Problem</b> Speaker: <b>Sophie D'amours</b> Authors: <b>Audy, D'amours, Rousseau</b></p>	<p>Parallel session 8C: <b>Airline optimization</b> Chairperson: <b>Manoj Lohatepanont</b> Room: <b>Nai Harn</b></p> <p><b>Airline Disruptions: Aircraft Recovery with Maintenance Constraints</b> Speaker: <b>Niklaus Eggenberg</b> Authors: <b>Eggenberg, Bierlaire, Salani</b></p> <p><b>Robust and Dynamic Airline Scheduling</b> Speaker: <b>Cynthia Barnhart</b> Authors: <b>Barnhart, Marla</b></p>
15:50 - 16:00	Short break		
16:00 - 17:00	<p>Parallel session 9A: <b>Cost and pricing analysis</b> Chairperson: <b>Luce Brotcorne</b> Room: <b>Kata</b></p> <p><b>Cost Allocation Principles In Transportation</b> Speaker: <b>Mikael Rönnqvist</b> Authors: <b>Rönnqvist, Gothe-lundgren, Jornsten, Frisk</b></p> <p><b>Pricing and Scheduling Strategies for Carriers and Shippers In Sequential Transportation Auctions</b> Speaker: <b>Martijn Mes</b> Authors: <b>Mes, Van Der Heijden</b></p>	<p>Parallel session 9B: <b>Inventory routing I</b> Chairperson: <b>Luca Bertazzi</b> Room: <b>Kamala</b></p> <p><b>Inventory Routing Problem for the Lng Business</b> Speaker: <b>Roar Grønhaug</b> Authors: <b>Grønhaug, Christiansen, Desaulniers, Desrosiers</b></p> <p><b>Multi-item Inventory Routing Problem for Ship Distribution Of Liquid Oil Bulk Products</b> Speaker: <b>Ricardo Giesen</b> Authors: <b>Giesen, Munoz, Silva, Leva</b></p>	<p>Parallel session 9C: <b>Discrete choice models II</b> Chairperson: <b>Takayuki Morikawa</b> Room: <b>Nai Harn</b></p> <p><b>Implementation Of Model for Departure Time Choice</b> Speaker: <b>Ida Kristoffersson</b> Authors: <b>Kristoffersson</b></p> <p><b>Model Of Weekly Working Participation for a Belgian Synthetic Population</b> Speaker: <b>Philippe Toint</b> Authors: <b>Cirillo, Cornelis, Toint</b></p>
17:00 - 17:30	Coffee break		
17:30 - 19:00	<p>Parallel session 10A: <b>Traffic prediction and assignment</b> Chairperson: <b>Carolina Osorio</b> Room: <b>Kata</b></p> <p><b>A Method Real-time Short and Long-term Traffic Prediction</b> Speaker: <b>Laura Wynter</b> Authors: <b>Wynter, Amemiya, Min</b></p> <p><b>Dynamic Queuing and Spillback In an Analytical Multiclass Dynamic Network Loading Model</b> Speaker: <b>Michiel Bliemer</b> Authors: <b>Bliemer</b></p> <p><b>A Multi-agent Approach to Dynamic Traffic Assignment Based On Activity</b> Speaker: <b>Tai-yu Ma</b> Authors: <b>Ma, Lebacque</b></p>	<p>Parallel session 10B: <b>TSP variants</b> Chairperson: <b>Bernard Gendron</b> Room: <b>Kamala</b></p> <p><b>Heuristic Algorithms for the Robust Traveling Salesman Problem with Interval Data</b> Speaker: <b>Roberto Montemanni</b> Authors: <b>Montemanni, Barta, Mastrolilli, Gambardella</b></p> <p><b>Exact and Heuristic Approaches to the Double Tsp with Multiple Stacks</b> Speaker: <b>Hanne L. Petersen</b> Authors: <b>Petersen</b></p> <p><b>The Capacitated Team Orienteering and Profitable Tour Problems</b> Speaker: <b>M. Grazia Speranza</b> Authors: <b>Speranza, Archetti, Hertz, Feillet</b></p>	<p>Parallel session 10C: <b>Models and algorithms</b> Chairperson: <b>Hani Mahmassani</b> Room: <b>Nai Harn</b></p> <p><b>A Fluid Model for the Anticipatory Route Guidance</b> Speaker: <b>Georgia Perakis</b> Authors: <b>Kachani, Bottom, Perakis</b></p> <p><b>Nonlinear Global Optimization with Application to Discrete Choice Models Estimation</b> Speaker: <b>Michaël Thémans</b> Authors: <b>Thémans, Bierlaire, Zufferey</b></p> <p><b>The Highway Problem: Models, Complexity and Valid Inequalities</b> Speaker: <b>Martine Labbé</b> Authors: <b>Heilporn, Labbé, Marcotte, Savard</b></p>

## Thursday 14

<p>09:00 - 10:00</p> <p>Parallel session 11A: <b>Road pricing II</b> Chairperson: <b>Anton Kleywegt</b> Room: <b>Kata</b></p> <p><b>A Computable Theory Of Dynamic Congestion Pricing</b> Speaker: <b>Andy Chow</b> Authors: <b>Friesz, Kwon, Chow, Heydecke</b></p> <p><b>A Tabu Search Algorithm for a Pricing Problem On a Transportation Network</b> Speaker: <b>Luce Brotcorne</b> Authors: <b>Brotcorne, Cirinei, Marcotte, Savard</b></p>	<p>Parallel session 11B: <b>Stochastic Routing</b> Chairperson: <b>Ricardo Giesen</b> Room: <b>Kamala</b></p> <p><b>Robust Duration-constrained Tours for Vehicle Routing Problems with Stochastic Demands</b> Speaker: <b>Alan Erera</b> Authors: <b>Erera, Morales, Savelsbergh</b></p> <p><b>A Pickup-and-delivery Routing Problem with Stochastic Demands</b> Speaker: <b>Juan Jose Salazar Gonzalez</b> Authors: <b>Louveaux, Gonzalez</b></p>	<p>Parallel session 11C: <b>Airline modeling and optimization</b> Chairperson: <b>Niklaus Eggenberg</b> Room: <b>Nai Harn</b></p> <p><b>The Greenland Air Transport Model System - a Joint Transport Modelling and Optimisation Problem</b> Speaker: <b>Mette Knudsen</b> Authors: <b>Nielsen, Rich, Knudsen, Frederiksen</b></p> <p><b>Using Optimization and Queuing Models to Estimate Long-term Average Flight Delays and Cancellation Rates</b> Speaker: <b>Michael Ball</b> Authors: <b>Ball, Mukherjee, Lovell, Churchill, Odoni</b></p>
10:00 - 10:30 Coffee break		
10:30 - 11:30 <b>Route Choice Set Generation: a Preliminary Synthesis - Piet H. L. Bovy</b> Chairperson: <b>Otto Anker Nielsen</b> Room: <b>Karon A</b>		
11:30 - 12:00 <b>TRISTAN VII</b> Chairperson: <b>Michel Bierlaire</b> Room: <b>Karon A</b>		
12:00 - 14:50 Lunch		
<p>14:50 - 15:50</p> <p>Parallel session 13A: <b>Dynamic pricing</b> Chairperson: <b>Martijn Mes</b> Room: <b>Kata</b></p> <p><b>New Methods to Compute Dynamic Bid-prices In Network Revenue Management</b> Speaker: <b>Topaloglu Huseyin</b> Authors: <b>Topaloglu, Kunnumkal</b></p> <p><b>Dynamic Pricing with Buyer Learning</b> Speaker: <b>Anton Kleywegt</b> Authors: <b>Kleywegt</b></p>	<p>Parallel session 13B: <b>Ship scheduling</b> Chairperson: <b>Kjetil Fagerholt</b> Room: <b>Kamala</b></p> <p><b>Approximate Column Generation for some Ship Scheduling Problems</b> Speaker: <b>Bjørn Nygreen</b> Authors: <b>Nygreen, Bronmo, Lysgaard</b></p> <p><b>A Tabu Search Heuristic for Ship Scheduling Problems</b> Speaker: <b>Jarl Eirik Korsvik</b> Authors: <b>Korsvik, Fagerholt, Laporte</b></p>	<p>Parallel session 13C: <b>Signal traffic control</b> Chairperson: <b>Hillel Bar-Gera</b> Room: <b>Nai Harn</b></p> <p><b>A Quadratic-programming Approach for the Signal Control Problem In Large-scale Congested Urban Road Networks</b> Speaker: <b>Konstantinos Aboudolas</b> Authors: <b>Aboudolas, Papageorgiou, Kosmatopoulos</b></p> <p><b>Strategies for Signal Traffic Control and Dynamic Traffic Modelling</b> Speaker: <b>Maurizio Bielli</b> Authors: <b>Bielli, Fusco, Genitle, Meschini, Felici, Cipriani, Gori, Nigro</b></p>
15:50 - 16:00 Short break		
<p>16:00 - 17:00</p> <p>Parallel session 14A: <b>Traffic flow models and applications</b> Chairperson: <b>Tom Thomas</b> Room: <b>Kata</b></p> <p><b>Applications Of Vehicular Traffic Theory to Blood Rheology</b> Speaker: <b>Soulaymane Kachani</b> Authors: <b>Kachani, Shmatov, Weinberger</b></p> <p><b>Continuum Traffic Flow Modelling Inside the Mont Blanc Tunnel</b> Speaker: <b>Vincent Henn</b> Authors: <b>Henn, Lesort</b></p>	<p>Parallel session 14B: <b>Maritime optimization</b> Chairperson: <b>Der-Hong Lee</b> Room: <b>Kamala</b></p> <p><b>Ship Routing and Scheduling with Inventory and Stowage Constraints</b> Speaker: <b>Kjetil Fagerholt</b> Authors: <b>Christiansen, Fagerholt, Haugen, Lund</b></p> <p><b>An Optimization Model for Empty Container Reposition Under Uncertainty</b> Speaker: <b>Teodor Gabriel Crainic</b> Authors: <b>Crainic, Di Francesco, Zuddas</b></p>	<p>Parallel session 14C: <b>Intelligent transportation systems</b> Chairperson: <b>Song Gao</b> Room: <b>Nai Harn</b></p> <p><b>Decentralized Algorithms for Multiple Path Routing In Urban Transportation Network</b> Speaker: <b>Ludovica Adacher</b> Authors: <b>Flamini, Adacher, Nicosia</b></p> <p><b>A Model for New Data - Using Air Borne Traffic Flow Measurement for Traffic Forecast</b> Speaker: <b>Martin Ruhé</b> Authors: <b>Ruhé, Kuhne, Hipp</b></p>
17:00 - 17:30 Coffee break		
<p>17:30 - 18:30</p> <p>Parallel session 15A: <b>Railways timetabling</b> Chairperson: <b>Daniel Potthoff</b> Room: <b>Kata</b></p> <p><b>Effects Of Flexible Timetables In Real-time Scheduling Of Rail Operations</b> Speaker: <b>Dario Pacciarelli</b> Authors: <b>Pacciarelli, D'ariano, Pranzo</b></p> <p><b>Optimising Timetable Synchronisation for Mass Transit Railways</b> Speaker: <b>Janny Leung</b> Authors: <b>Leung, Wong, Yuen, Fung</b></p>	<p>Parallel session 15B: <b>Port scheduling</b> Chairperson: <b>Matteo Salani</b> Room: <b>Kamala</b></p> <p><b>An Approximation Algorithm for Quay Crane Scheduling with Non-interference Constraints In Port Container Terminals</b> Speaker: <b>Der-hong Lee</b> Authors: <b>Lee, Wang, Miao</b></p> <p><b>Barge Rotation Planning and Quay Scheduling In the Port Of Rotterdam</b> Speaker: <b>Albert Douma</b> Authors: <b>Douma, Schuur</b></p>	<p>Parallel session 15C: <b>Models and algorithms</b> Chairperson: <b>Hanne L. Petersen</b> Room: <b>Nai Harn</b></p> <p><b>Designing Mechanisms for Sustainable Carrier Alliances In Transportation Networks</b> Speaker: <b>Richa Agarwal</b> Authors: <b>Ergun, Agarwal</b></p> <p><b>Forecasting Freight Demand at Intermodal Terminals Using Neural Networks - an Integrated Framework</b> Speaker: <b>Ioana-codruta Bilegan</b> Authors: <b>Bilegan, Crainic, Gendreau</b></p>

## Friday 15

<p>09:00 - 10:30</p> <p>Parallel session 16A: <b>Traffic equilibrium and assignment I</b> Chairperson: <b>Michaël Thémans</b> Room: <b>Kata</b></p> <p><b>Schedule-based Transit Assignment Model with Travel Strategies and Capacity Constraints</b> Speaker: <b>Younes Hamdouch</b> Authors: <b>Hamdouch, Lawphongpanich</b></p> <p><b>Assignment Over a Transit Corridor Considering Congestion</b> Speaker: <b>Juan Carlos Munoz</b> Authors: <b>Munoz, Larrain</b></p> <p><b>Stochastic Network Equilibrium Model Under Uncertain Demand</b> Speaker: <b>Shoichiro Nakayama</b> Authors: <b>Nakayama</b></p>	<p>Parallel session 16B: <b>Stochastic traffic models</b> Chairperson: <b>Victor Knoop</b> Room: <b>Kamala</b></p> <p><b>Predictions Of Urban Flow Volumes and Incident Detection</b> Speaker: <b>Tom Thomas</b> Authors: <b>Thomas, Van Berkum</b></p> <p><b>Parking Search Model</b> Speaker: <b>Stefano Carrese</b> Authors: <b>Beltran, Carrese, Negrenti</b></p> <p><b>Probabilistic Models for Travel Time</b> Speaker: <b>Francesco Viti</b> Authors: <b>Van Zuylen</b></p>	<p>Parallel session 16C: <b>Flexible and responsive transportation systems</b> Chairperson: <b>Cristian Cortés</b> Room: <b>Nai Harn</b></p> <p><b>Patient Transportation - Dynamic Dial-a-ride and Emergency Transportation Problems</b> Speaker: <b>Karl Doerner</b> Authors: <b>Kiechle, Doerner, Gendreau, Hartl</b></p> <p><b>Towards Designing Flexible Transportation Systems</b> Speaker: <b>Fausto Errico</b> Authors: <b>Errico, Crainic, Malucelli, Nonato</b></p> <p><b>Hybrid Predictive Control Strategy for a Public Transport System with Uncertain Demand</b> Speaker: <b>Doris Saez</b> Authors: <b>Cortés, Saez D., Saez A., Núñez, Tirachini</b></p>
10:30 - 11:00 Coffee break		
<p>11:00 - 12:30</p> <p>Parallel session 17A: <b>Traffic equilibrium and assignment II</b> Chairperson: <b>Michael Mahut</b> Room: <b>Kata</b></p> <p><b>Traffic Assignment By Paired Alternative Segments</b> Speaker: <b>Hillel Bar-gera</b> Authors: <b>Bar-gera</b></p> <p><b>Existence, Uniqueness and Stability Of Equilibrium In Dynamic Traffic Networks</b> Speaker: <b>Richard Mounce</b> Authors: <b>Mounce</b></p> <p><b>Wardrop's Equilibrium Assignment Scheme Without Traffic Volume for Estimating Link Travel Time</b> Speaker: <b>Takamasa Iryo</b> Authors: <b>Iryo, Sumalee</b></p>	<p>Parallel session 17B: <b>Inventory routing II</b> Chairperson: <b>Ioana-Codruta Bilegan</b> Room: <b>Kamala</b></p> <p><b>Vendor-managed Inventory Policies for an Integrated Production-distribution System</b> Speaker: <b>Luca Bertazzi</b> Authors: <b>Bertazzi, Archetti, Paletta, Speranza</b></p> <p><b>Scenario Tree Based Heuristics for Stochastic Inventory Routing Problems</b> Speaker: <b>Arne Løkketangen</b> Authors: <b>Hvattum, Løkketangen, Laporte</b></p> <p><b>Inventory Routing Problem Solved By Heuristic Based On Column Generation</b> Speaker: <b>Sophie Michel</b> Authors: <b>Michel, Vanderbeck</b></p>	<p>Parallel session 17C: <b>Models and algorithms</b> Chairperson: <b>Zachary Patterson</b> Room: <b>Nai Harn</b></p> <p><b>Use Of a Relational Reinforcement Learning Algorithm to Generate Dynamic Activity-travel Patterns</b> Speaker: <b>Marlies Vanhulsel</b> Authors: <b>Vanhulsel, Wets, Janssens</b></p> <p><b>How Does a Ride Point System Differ From Fare Reduction In Ridership Of Public Transportation? ~an Empirical Analysis Of the Mental Accounting Theory~</b> Speaker: <b>Takayuki Morikawa</b> Authors: <b>Sato, Morikawa, Kurauchi</b></p> <p><b>New Resolution Approaches for the Sensor Location Problem</b> Speaker: <b>Monica Gentili</b> Authors: <b>Gentili, Bianco, Cerulli</b></p>
12:30 - 14:30 Lunch		
<p>14:30 - 16:00</p> <p>Parallel session 18A: <b>Traffic equilibrium and assignment III</b> Chairperson: <b>Martin Ruhé</b> Room: <b>Kata</b></p> <p><b>Adaptive Traffic Assignment In Stochastic Dynamic Networks</b> Speaker: <b>Song Gao</b> Authors: <b>Gao</b></p> <p><b>On the Existence and Uniqueness Of Dynamic Equilibrium In Bottleneck Models</b> Speaker: <b>Gitakrishnan Ramadurai</b> Authors: <b>Ukkusuri, Ramadurai</b></p> <p><b>Comparison Of Assignment Methods for Simulation-based Dynamic-equilibrium Traffic Assignment</b> Speaker: <b>Michael Mahut</b> Authors: <b>Mahut, Florian, Tremblay</b></p>	<p>Parallel session 18B: <b>Routing and scheduling</b> Chairperson: <b>Proadpran Punyabukkana</b> Room: <b>Kamala</b></p> <p><b>The Truckload Trip Scheduling Problem</b> Speaker: <b>Martin Savelsbergh</b> Authors: <b>Savelsbergh, Archetti</b></p> <p><b>Dynamics Of the Multi-depot Pickup and Delivery Problem</b> Speaker: <b>Thomas Huth</b> Authors: <b>Huth, Mattfeld</b></p> <p><b>Truckload Continuous Move Optimization</b> Speaker: <b>Yossiri Adulyasak</b> Authors: <b>Lohatepanont, Adulyasak</b></p>	<p>Parallel session 18C: <b>Models and algorithms</b> Chairperson: <b>Marlies Vanhulsel</b> Room: <b>Nai Harn</b></p> <p><b>A Poverty Impact Road Planning Model</b> Speaker: <b>Allison Taylor</b> Authors: <b>Taylor, Petersen</b></p> <p><b>Assessment Of Traffic and Emissions Impacts, for Determining Future Infrastructure In a Metropolitan Street Network: a Real Application In Mexico City</b> Speaker: <b>Angelica Lozano</b> Authors: <b>Lozano, Antun, Granados</b></p>
16:00 - 16:30 Coffee break		
<p>16:30 - 17:30</p>	<p>Parallel session 19B: <b>Tabu search approaches for routing and scheduling</b> Chairperson: <b>Henrik Andersson</b> Room: <b>Kamala</b></p> <p><b>Tabu Search Based Solution Methods for Scheduling Log-trucks</b> Speaker: <b>Patrick Hirsch</b> Authors: <b>Hirsch, Gronalt</b></p> <p><b>A Tabu Search Approach for Milk Collection In Western Norway Using Trucks and Trailers</b> Speaker: <b>Arild Hoff</b> Authors: <b>Hoff, Løkketangen</b></p>	<p>Parallel session 19C: <b>Discrete choice models III</b> Chairperson: <b>Allison Taylor</b> Room: <b>Nai Harn</b></p> <p><b>Sequential Models for Mobility Decisions: Experimentation for the Holding Vehicles Choices</b> Speaker: Authors: <b>Chila, Russo</b></p> <p><b>Biases In Discrete Choice Models</b> Speaker: <b>Quentin K. Wan</b> Authors: <b>Lo, Wan</b></p>