Monday, July 15			
Session	**Chair**	**Time**	**Room**
Registration		13:00-18:00	Sky Lounge
Tutorial by Warren Powell: A Unified Framework for Optimization Under Uncertainty in Transportation and Logistics	Karl Dörner	14:30-16:00	Sky Lounge
Opening Session: Welcome address by Nikolaus Hautsch (Dean), Richard Hartl (Organizing Committee), Jan Fabian Ehmke (TSL Officer)		16:00-16:30	Sky Lounge
Keynote by Martin Bichler: Optimized but Inefficient? Why Logistics Markets need Design	Rudolf Vetschera	16:30-17:30	Sky Lounge
Welcome Reception		17:30-20:00	Sky Lounge

Tuesday, July 16					
Registration		8:00-12:00			Sky Lounge
Session	Chair	09:00-09:30	09:30-10:00	10:00-10:30	**Room**
1A: Crowdshipping	Jean-Francois Cordeau	**Crowdshipping with Stochastic Occasional Drivers and Time Windows** Fabian Alejandro Torres Duran, Walter Rei and Michel Gendreau	**The Role of Crowdshippers in an Integrated Item-sharing and Crowdshipping Setting** Moritz Behrend and Frank Meisel	**Crowdsourced Logistics: The Pickup and Delivery Problem with Transshipments and Occasional Drivers** Stefan Voigt and Heinrich Kuhn	Sky Lounge
1B: On-demand systems	Alexander Hübner	**Revenue management model for logistic on-demand systems** Shadi Sharif Azadeh, Benoit Montreuil and Yousef Maknoon	**Choice-based dynamic dial-a-ride problem for on-demand transportation** Bilge Atasoy, Shadi Sharif Azadeh, Yousef Maknoon, Michel Bierlaire and Moshe Ben-Akiva	**A Hierarchical Approach Enabling Supplier Choice in On-Demand Platforms** Jennifer Pazour and Seyed Shahab Mofidi	HS15
1C: Shared mobility	Fabien Tricoire	**Modeling Service Class Constraints in Autonomous Mobility-on-Demand Systems: A Data-Driven Approach for Dispatching and Rebalancing Vehicles** Breno Beirigo, Frederik Schulte and Rudy Negenborn	**Combining people and freight flows using a scheduled transportation line with stochastic passenger demands** Abood Mourad, Jakob Puchinger and Tom Van Woensel	**Routing Optimization for On-Demand Ridesharing: Formulation, Algorithm and Implication** Wei Zhang, Kai Wang and Shuaian Wang	HS16

Coffee break		10:30-11:00			Sky Lounge
Session	**Chair**	**11:00-11:30**	**11:30-12:00**	**12:00-12:30**	**Room**
2A: Routing games	Michel Gendreau	**Courteous or Crude? Understanding and Shaping User Behavior in Ride-hailing** Sasa Pekec, Yunke Mai, Bin Hu, Yuhao Hu and Zilong Zou	**Verifiable Stability in Collaborative Transport** Mathijs van Zon, Remy Spliet and Wilco van den Heuvel	**The Joint Network Vehicle Routing Game** Mathijs van Zon, Remy Spliet and Wilco Van Den Heuvel	Sky Lounge
2B: Carsharing & Ridesharing	Tal Raviv	**Station location and vehicle distribution for round-trip car sharing systems** Pieter Smet, Federico Mosquera, Emmanouil Thanos and Toni Wickert	**A Network Flow Approach to Relocating Vehicles and Assigning Operators for Large-Scale One-Way Carsharing Systems** Hanjun Fu, Chi Xie, Bo Zou and Peng Chen		HS15
2C: Ride-hailing	Michael Hewitt	**On the Analysis of Time-Space Flow Model Reformulation ofDial-A-Ride Problem for Autonomous Taxi System** Zhiheng Xu and Jee Eun Kang	**Control of Autonomous Electric Fleets for Ridehail Systems** Justin Goodson, Nicholas Kullman, Jorge E. Mendoza and Martin Cousineau	**A Learning Large Neighborhood Search for The Dynamic Electric Autonomous Dial-A-Ride Problem** Claudia Bongiovanni, Mor Kaspi, Jean-François Cordeau and Nikolas Geroliminis	HS16
Lunch		12:30-13:30	**Rebhuhn** GASTHAUS IN DER BERGGASSE		
Excursion		13:30-21:00			

Wednesday, July 17					
Session	**Chair**	**09:00-09:30**	**09:30-10:00**	**10:00-10:30**	**Room**
3A: Platooning	Tom van Woensel	**A Network Design Approach for the Restricted Truck Platooning Problem** Szymon Albinski, Teodor Gabriel Crainic and Stefan Minner	**Service network design with mixed autonomous fleets and cooperative platooning** Yannick Oskar Scherr, Bruno Albert Neumann-Saavedra, Mike Hewitt and Dirk Christian Mattfeld	**Consideration of Platoons in Models of Vehicle Routing Problems** Jörn Schönberger	Sky Lounge
3B: Ridesharing	Justin Goodson	**Geographic Pricing in Ridesharing Services** Mehdi Behroozi	**Inferring commuter's values of time in ride-sourcing service: a multi-stage deep learning approach** Yili Tang and Hai Yang	**Can ride-sharing alleviate traffic congestion?** Jintao Ke, Zhengfei Zheng and Hai Yang	HS15
3C: Bikes and parking lots	Sasa Pekec	**The Station Location Problem of Bike Sharing Systems** Vilde Graven Stokke, Vilde Schliekelmann Barth, Kjetil Fagerholt and Henrik Andersson	**Optimal Scheduling of Advance Reservations for Shared Parking Systems** Yun-Chu Hung and Chung-Cheng Lu	**Stable Exchange for Commute-Driven Sharing of Private Parking Lots** Minghui Lai, Xiaoqiang Cai and Qian Hu	HS16
Coffee break		10:30-11:00			Sky Lounge
Session	**Chair**	**11:00-11:30**	**11:30-12:00**	**12:00-12:30**	**Room**
4A: Parcel delivery	Stefan Minner	**Reliable Parcel Routing Policy in a Physical Internet** Tal Raviv and Ido Orenstein	**Sequence and Speed Optimization for Delivery Robots** Stefan Schaudt and Tolga Bektas	**Service Network Design with Scheduled Lines for City Logistics** Mike Hewitt, Tom van Woensel and Lucas Veelenturf	Sky Lounge

4B: Online order fulfillment	Jörn Schönberger	**Omni-channel grocery retailing: an approach for multi-depot order fulfillment** Alexander Hübner, Manuel Ostermeier and Christian Dethlefs	**A Continuous Solution Method for the Multi-Visit Drone Routing Problem** Adriano Masone, Stefan Poikonen and Bruce L. Golden	**Pricing for Goods Deliveries in the Sharing Economy** Luce Brotcorne, Anton Kleywegt and Youcef Magnouche	HS15
4C: Redistribution of goods	Jakob Puchinger	**A Branch and Price algorithm for the Pickup and Delivery Problem with Transfers** Cristián E. Cortés, Michel Gendreau, Cristiam Gil and Pablo A Rey	**The multi-attribute two-echelon location-routing problem with fleet synchronization at intermediate facilities** David Escobar Vargas, Claudio Contardo and Teodor Gabriel Crainic	**Optimizing routing and delivery patterns with multi-compartment vehicles** Manuel Ostermeier, Alexander Hübner, Markus Frank, Andreas Holzapfel and Heinrich Kuhn	HS16
Lunch		12:30-14:00	**Rebhuhn** GASTHAUS IN DER BERGGASSE		

Session	Chair	14:00-14:30	14:30-15:00	15:00-15:30	Room
5A: Carsharing	Dominique Feillet	**Comparison of Different Carsharing Relocation Modes: Classification and Feature-Based Selection** Layla Martin, Stefan Minner and M. Grazia Speranza	**The Dynamic Relocation Problem for Electric Carsharing Services** Simen Hellem, Carl Andreas Julsvoll, Magnus Nyborg Moan, Henrik Andersson, Kjetil Fagerholt and Giovanni Pantuso		Sky Lounge
5B: Freight transportation	Anton Kleywegt	**Inland waterway efficiency through skipper collaboration and joint speed optimization** Julian Golak, Veerle Timmermans, Alexander Grigoriev and Christof Defryn	**Integrating drayage decisions in intermodal container routing** Hilde Heggen, Yves Molenbruch, An Caris and Kris Braekers	**Decomposition Methods for Dynamic Load Planning and Driver Management in LTL Trucking** Hugo Simao and Warren Powell	HS15
5C: Sharing of electric vehicles	Heinrich Kuhn	**Doubly-constrained rebalancing for one-way electric carsharing systems with capacitated charging stations** Theodoros Pantelidis, Li Li, Tai-Yu Ma, Joseph Chow and Saif Jabari	**Charging station placement in free-floating electric car sharing systems** Georg Brandstätter, Markus Leitner and Mario Ruthmair	**On the Range Anxiety for Electric Vehicles: An Empirical Investigation** Sang Won Kim, Ho-Yin Mak, Marcelo Olivares and Ying Rong	HS16
Coffee break		15:30-16:00			Sky Lounge

Session	Chair	16:00-16:30	16:30-17:00	17:00-17:30	Room
6A: Crowd-sourced logistics	Teodor Crainic	**Mobile Facility Location Problem in Crowd-shipping** Kianoush Mousavi, Merve Bodur and Matthew Roorda	**Integrated Matching and Routing for Crowd-Shipping systems** Tom van Woensel	**Workforce Scheduling for Service Routing with Crowdsourced Drivers** Marlin Ulmer and Martin Savelsbergh	Sky Lounge
6B: Carrier alliances	Claudius Steinhardt	**Cooperation of customers in traveling salesman problems with profits** Ondrej Osicka, Mario Guajardo and Kurt Jörnsten	**Multi-objective optimization framework for the integration of individual partner interests in a collaborative location-inventory model** Thomas Hacardiaux, Christof Defryn and Jean-Sébastien Tancrez		HS15
6C: Presentations of Vienna's FEAT project	Rudolf Vetschera	**Comparing Mechanisms for Request-Exchange Collaborative Transportation** Daniel Nicola	**The PDP with alternative locations and overlapping time windows** Alina-Gabriela Dragomir, Tom Van Woensel and Karl Doerner	**The two-region multi depot pickup and delivery problem** Adria Soriano, Margaretha Gansterer and Richard F. Hartl	HS16
Conference Dinner		19:00-Open end			Vienna City Hall

Thursday, July 18 2019						
Session	**Chair**	**09:00-09:30**	**09:30-10:00**	**10:00-10:30**	**10:30-11:00**	**Room**
7A: Collaborations	Frank Meisel	**Analyzing the impact of delays in an integrated mobility system** Yves Molenbruch and Kris Braekers	**Dynamic Prices as Incentives for Collaborative Transportation: Using Side Payments for Individually Rational and Stable Horizontal Cooperation** Bilge Atasoy, Eduardo Lalla-Ruiz, Frederik Schulte and Stefan Voß	**Analysis on Impacts and Characteristics of Collaborative Pickup Lockers** Necati Oguz Duman and Ozlem Ergun	**Experience with a Real-Time DSS for Cooperative Planning at an Express Carrier** Ulrich Derigs, Sascha Dahl and Stafan Ems	Sky Lounge
7B: Carsharing and -pooling	Markus Leitner	**How Scheduling Advances Affect Level of Service, Critical Mass, and Fleeting in Smartphone-Based Vanpooling** Donghui Li, Constantinos Antoniou, Hai Jiang, Wei Shen, Liang Zhang and Weijian Han	**The Value of Prepositioning in Smartphone-Based Vanpool Services Under Stochastic Requests and Time-Dependent Travel Times** Donghui Li, Constantinos Antoniou, Hai Jiang, Qianyan Xie, Wei Shen and Weijian Han	**A Globally Convergent Discrete Simulation-Based Optimization Algorithm for Complementing Transit Accessibility with Car-Sharing Service** Tianli Zhou and Carolina Osorio	**Predictive dynamic relocations in carsharing systems implementing journey reservations** Martin Repoux, Mor Kaspi, Burak Boyaci and Nikolas Geroliminis	HS15
Coffee break		11:00-11:30				Sky Lounge
Keynote by Michal Tzur: Integrating Objective-Driven Operational, Design and Strategic Decisions in Transportation Sharing	Bruce Golden	11:30-12:30				Sky Lounge

Lunch		12:30-13:30		**Rebhuhn** GASTHAUS IN DER BERGGASSE	
Session	**Chair**	**13:30-14:00**	**14:00-14:30**	**14:30-15:00**	**Room**
8A: Sharing systems	Marlin Ulmer	**Collaborative Pickup and Delivery Problems with Time Windows and Heterogeneous Vehicles** Cornelius Rüther and Julia Rieck	**Modeling and solving the multimodal car- and ride-sharing problem** Miriam Enzi, Sophie N. Parragh, David Pisinger and Matthias Prandtstetter	**Stakeholder requirements to the design of a cooperatively used urban logistics hub** Sonja Maria Protic and Patrick Hirsch	Sky Lounge
Closing Session: Margaretha Gansterer (Organizing Committee)		15:00-15:30			Sky Lounge
Farewell Reception		15:30-20:00			Sky Lounge