

Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Wednesday, 4 September 2024

Natura Room

08:00-09:00	Registration	
09:00-11:00	Special Session 1 - Smart Urban Mobility: Automation as Key to Sustainability and Safety Moderator: Johanna Tzanidaki	
		Title & Authors
		Safety and Automation - Claire Depre
		Sustainable Urban Mobility Interventions: The Lighthouse and Follower Cities in The Elaborator Project - Jason Sioutis
		Sustainable and Automated Urban Mobility & Gender - Evelina Faliaga
		Automated Mobility & Sustainability in Cities' Innovation Plans - Anthi Tsakiropoulou
		Automation and Sustainability in Public Transport - Nikos Tsampieris
	Smart and Citizen-focused Automated Mobility Services - Victoria Zorba	
11:00-11:30	Coffee Break	
11:30-13:30	Special Session 4 - Greening Goods Deliveries Moderator: Eftihia Nathanail	
		Title & Authors
		Urban Deliveries: Challenges, Trends and Practices - Eftihia Nathanail
		Green Transition of Courier, Transport and Delivery Companies through Education - Nikolaos Gavanas
		Strategic Green Planning for Freight Transport Operators - Katerina Valta
		Measure My Green Readiness - Christina Papadaskalopoulou
		Professional Certification for Courier Companies and Professionals on Greening Last-Mile Deliveries - Stefanos Spanos and Irene Vasilakaki
	Good Practices and Methods in Greening Last-Mile Deliveries – Konstantinos Kokkinos	
13:30-14:30	Lunch Break	
14:30-16:30	Technical Session 6.1 - Sustainable Urban Logistics Moderator: Alexandros Deloukas	
	Paper ID	Title & Authors
	38 - YR	Analyzing Exnovation in Urban Logistics to Foster Collaborative Last Mile Delivery Approaches - Anna Buerklen, Nicolas Schuete, André Al-Radhi and Christian Rudolph
	40	UNCHAIN: Generating a Collaborative Framework to Tackle the Diagnosis of Urban Logistics in Project Demonstration Sites - Juan F. Gimenez, Amparo López, Chiara Tavella, Lorenza Falco, Albert Sole, Elena García and Konstantinos Zografos
	9	Same-Day Delivery Logistics: What Are Crucial Barriers and Enablers With Insight From Hanoi, Vietnam - Thanh Thi My Truong
	63	Integrating a White-Label Scheme Service for a Shared Micro Consolidation Center in Athens, Greece - Ioannis Karakikes, Amalia Polydoropoulou and Athena Tsirimpa
	90	The URBANE Innovation Transferability Platform: Learnings for Decarbonising Last Mile Delivery Networks - Rod Franklin, Ioanna Fergadiotou, Maria Kampa, Harris Niavis, Thanos Karydis, Patrycja Antosz, Önder Gürcan, Xavier Brusset, Ade Fajemisin, Aristeia Zafeiropoulou, George Misiakoulis, Georgia Ayfantopoulou, Zisis Maleas, Dimos Touloumidis, Merve Seher Cebeci, Timo Szczepanska, Michiel de Bok, Rodrigo Tapia and Lóri Tavasszy
	10	Impacts of E-Commerce on Shopping Trips: Implications for Urban Logistics with the Empirical Evidence From an Emerging Country - Thanh Thi My Truong
16:30-17:00	Coffee Break	
17:00-19:00	Opening – Keynotes Moderator: Eftihia Nathanail	
	Flood Prevention Plan for the Region of Thessaly – Dimitrios Kouretas	
	TUSS – The Ultimate Sharing Service and its Disruptive Potentials for Urban Transport. Result of Sesto Fiorentino Demonstration – Adriano Alessandrini	
19:00-20:00	Welcome Cocktail	



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Date: Wednesday, 4 September 2024

Borlero Room

08:00-09:00	Registration	
09:00-11:00	Special Session 2 - Decarbonizing Freight to Create a Sustainable & Resilient Supply Chain Across All Territorial Scales Moderator: Antonios Tsiligiannis	
		Title & Authors
		ESCALATE - Ahu Ece Hartavi Karci
		NextETRUCK - Dimitris Margaritis
		URBANE – Zisis Maleas
		Round Table: Connecting the (Freight) Dots: From Long-Haul to Last-Mile - Antonios Tsiligiannis (moderator)
	Round Table: Innovation in the Road Freight Sector - Antonios Tsiligiannis (moderator)	
11:00-11:30	Coffee Break	
11:30-13:30	Technical Session 1.1 - Addressing Environmental and Social Challenges Through Resilient Transportation Moderator: Ioannis Karakikes	
	Paper ID	Title & Authors
	75	Storm Daniel: A Wake-Up Call for Bridge Resilience in the Face of Extreme Weather - Charalampos Medentzidis, Theocharis Tsenis and Vassilios Kappatos
	29	Smart Flood Resilience of the Urban Transportation System: The Case of Florence – Alexandros Deloukas
	106	Achieving Urban Resilience through Environmental Streetscape Design and Traffic Calming. A Case Study in the Municipality of Pylaia-Hortiatis, Greece - Apostolos Papagiannakis and Dimitra Karathanou
	140	Adapting the Design of Sustainable Urban Mobility Plans to Pandemic Circumstances - Ioannis Politis, Georgios Georgiadis, Anastasia Nikolaidou and Alexandros Sdoukopoulos
	174 - YR	Correlating Geographic, Urban and Mobility Characteristics of Regional Units in Greece with COVID-19 Cases - Konstantinos Pinatsis, Konstantinos Athanasopoulos and Efthimios Bakogiannis
	76	Approach of Middle Age Users on Introduction of Car Free Zones and Shared Modalities in Selected Dutch Cities - Fatemeh Torabi, Yashar Araghi, Niels van Oort and Serge Hoogendoorn
13:30-14:30	Lunch Break	
14:30-16:30	Technical Session 7.1 - Sustainable Mobility and Urban Development Moderator: Nikolaos Gavanas	
	Paper ID	Title & Authors
	116 - YR	Two Decades of Urban Sprawl Development in Polish Cities – Modelling Transport and Environmental Implications - Arkadiusz Drabicki, Susana Lopez-Aparicio, Henrik Grythe, Urszula Kierpiec, Kamila Tobola, Bartosz Kud and Konrad Chwastek
	121	Empowering Communities: A Methodological Blueprint for Implementing 15-Minute City Principles in Thessaloniki's Urban Landscape - Georgia Aifadopoulou, Josep Maria Salanova, Thomas Dimos, Despoina Tsavdari and Fokion Karavasilis
	48 - YR	Assessing the Potential to Implement the “X-Minute City” Concept in Small And Medium Sized Cities. The Case Of Volos, Greece - Gabriela Plaka and Nikolaos Gavanas
	176 - YR	Superblocks in Thessaloniki: Residents Perceptions - Georgios Banias, Ariadni Konstantina Bourouti, Georgios Palantzas and Dimitrios Nalmpantis
	49	Impact of New Mobility Services on Sustainable Urban Development: An Assessment Framework - Georgios Kalogerakos and Nikolaos Gavanas
16:30-17:00	Coffee Break	
17:00-19:00	-	
19:00-20:00	Welcome Cocktail	

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Date: Wednesday, 4 September 2024

Belagia Room

08:00-09:00	Registration	
09:00-11:00	Special Session 3 - Sustainable and Resilient Regional Ecosystems Moderators: Konstantinos Kokkinos and Nicholas Samaras	
	Paper ID	Title & Authors
	66	Opportunities for Development of Alternative Food Networks in Bulgaria - Ekaterina Arabska, Svetla Dimitrova, Dimitar Yakimov, Aleksandar Davchev and Plamen Lakov
	78	Navigating the Green Wave: Assessing the Adoption of Eco-friendly Marketing in Egypt Responders in Post-Disaster Plans - Amr Aly and Luna Santos-Roldán
	103	Sustainable Agriculture through Integrated Pest Management: Strategies for Effective Implementation - Teodora Ilieva, Anna Karova and Mariyana Ivanova
	102	Community of Practice for Sustainable Regions and Supply Chains – Case INVEST Alliance - Liisa Timonen, Kristiina Väänänen, Tiina Muhonen and Chijioke Okoro
	137	Enhancing Landscape Infrastructure: Mapping Windbreaks for Agricultural Resilience and Environmental Conservation - Lenka Lackóová and Mária Tárníková
	113	The Role of Green Economy in Advancing Renewable and Clean Energy in Transportation - Delyan Plachkov
	123	Integrating Sustainable and Resilient Supply Chains with Modern Business Models for Sales and Customer Relationship Management - Vasko Vasilev
11:00-11:30	Coffee Break	
11:30-13:30	Special Session 5 - Network Resilience Under Disasters Moderators: Konstantinos Kokkinos and Nicholas Samaras	
	Paper ID	Title & Authors
	45	RES-Q: A Holistic Approach to Semantic Orchestration and AI-Enhanced Mobility in Disaster Response - Omiros Iatrellis, Nicholas Samaras, Areti Bania and Kostas Kokkinos
	52	FiReS: An Advanced System Utilizing Semantic Technologies and AI for First Responders in Post-Disaster Plans - Areti Bania, Omiros Iatrellis and Nicholas Samaras
	101	Quantitative Dynamic Flood Monitoring and Forecasting Using Satellite and Aerial Images: The Use Case of Larissa, Greece - Maria Drogkoula, Konstantinos Kokkinos, Omiros Iatrellis and Nicholas Samaras
	110	Low Carbon Transformation and Resilience Decision Support System via DEMATEL and FCM - Konstantinos Kokkinos, Omiros Iatrellis and Nicholas Samaras
	60	The Smart Transport as a Part of Smart Cities: A “START-UP” Project Survey of Training Needs - Velizar Petrov
124	Cultural Tourism and Transport Innovations – Trends, Opportunities and Sustainability Through the Prism of Tourist Destination Plovdiv - Zlatka Grigorova and Aleksandar Davchev	
189	Digital Twin of an Electric Bicycle Using Smart Phone Sensors and Weather Data - Onoufriou Haralampous and Nicholas Samaras	
13:30-14:30	Lunch Break	
14:30-16:30	-	
16:30-17:00	Coffee Break	
17:00-19:00	-	
19:00-20:00	Welcome Cocktail	

Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Thursday, 5 September 2024

Natura Room

08:00-09:00	Registration	
09:00-11:00	Technical Session 8.1 - New Transport Services and Strategies for Climate Change Mitigation Moderator: Omiros Iatrelis	
	Paper ID	Title & Authors
	104	Traffic Management and Control Strategies for Reducing Air and Noise Pollution in Private Road Transport - Andrea Gemma, Tina Onorato, Arianna Stimilli, Patrizia Bellucci and Ernesto Cipriani
	22 - YR	Analyse, Design, Implement, Evaluate: Introducing the Zero Emission Multimodal Mobility Hub Cycle to Support the Development of Hubs Serving Freight and Passenger Mobility - Kornilia Maria Kotoula and Maria Morfoulaki
	74	Promoting Public Transport with a Discount on City Centre Shops at Large Cities - Evangelos Spyrou, Vassilios Kappatos, Afroditi Anagnostopoulou and Evangelos Bekiaris
	177 - YR	Greening the Commute: E-Scooters Pilot for Sustainable Mobility of Tomorrow's Workplace - Panagiota Mavrogenidou, Amalia Polydoropoulou, Athina Tsirimpa and Ioanna Pagoni
	35	Ridesharing as a Supporting Element in Avoiding Emissions and Traffic Volumes - Melanie Juppe
11:00-11:30	Coffee Break	
11:30-13:30	Technical Session 4.1 - Walking as User Centric Transport Mode Moderator: Vladimir Đorić	
	Paper ID	Title & Authors
	20 - YR	Unravelling Pedestrian Behaviour: A Machine Learning Approach to Analysing Pedestrian Movement and Street-Level Characteristics in Urban Environments Avital Angel, Achituv Cohen, Trisalyn Nelson and Pnina Plaut
	24 - YR	Analyzing Temporal-Spatial Pedestrian Movement Using Computer Vision and Geospatial Analysis - Shir Gravitza-Sela, Dalit Shach-Pinsly and Pnina Plaut
	182	Disabled People and "Mobility". Proposal for Infrastructures Intended to Prevent Parking in Disabled Spaces and their Pilot Application in the City - Vasileios Eleftheriou, Efthimios Bakogiannis, Ioannis Papadopoulos, Avgi Vassi and Charalampos Kyriakidis
	69 - YR	Promoting Sustainable Commuting: An Investigation into the Potential of a 'Sharing-Walk' Service for School Children - Yuwen Zhao, Robert van Dongen and Soora Rasouli
	152	Walking vs Riding: the WalkingBus Project Approach - Dimitrios Nalmpantis, Evangelia Beli, Iason Tamiakis, Giancarlo Masi, Maria Grazia Pirina, Roberto Solinas, Elif Kayhan, Esra Erdem, Ersel Aydın, Eleni Anoyrkati and Nefeli Dimitriadi
13:30-14:30	Lunch Break	
14:30-16:30	Technical Session 6.2 - Emerging Opportunities and Challenges for Resilient Supply Chains Moderator: Athanasios Theofilatos	
	Paper ID	Title & Authors
	5	KEYSTONE: Transforming the European Transport Ecosystem through Data-Driven Strategies, Operations and Interoperability - Zoi Petrakou, Alexeis Garcia Perez, Giulia Renzi, Paulo Cesar Cantillano Lizana, Andrew Jones, Kevin Broughton, Alexandros Papacharalampous, Alexandros Georgakopoulos and Charilaos Koutsis
	143	An Ontology for the Resilience and Sustainability of Inland Water Ways Transport Systems - Fereshteh Asgari, Mostepha Khouadjia, Ramanuja Rao K, Ramdane Tami and Kostas Zavitsas
	6 - YR	Research and Conclusions on the Resilience of the Supply Chain and Logistics Services of Big Companies in Greece - Dimitra Gkourou, Evangelia Mpidiou, Athanasios Lois and Athanasios Ziliaskopoulos
	114	Digitization of Supply Chain & Logistics - The Case of Product 9: Neutral Intelligent Logistics Data Hub - Athanasios Giannopoulos and Apostolos Bizakis
	42	Reinforcing Supply Chain Resilience: Conceptualizing Protocols for the Physical Internet Based on Internet Principles - Gero Niemann and Rod Franklin
	26	A Comprehensive Investigation Into Needs and Challenges of Long-Haul Truck Drivers During their Trips - Afroditi Stamelou, Vasileios Mizaras, Georgia Ayfantopoulou and Iro Doumani
16:30-17:00	Coffee Break	
17:00-19:00	Technical Session 3.3 - Digital Tools for the Assessment of Transport Systems Moderator: Dimitris Margaritis	
	Paper ID	Title & Authors
	105 - YR	Exploiting Digital Twins and Metaverse Technologies for the Digital Transformation of City Transportation - Tanya Politi, Spyros Denazis, Odysseas Koufopavlou, Christos Antonopoulos, Evi Faliagka, Dido Prevedourou, Nikos Kostis, Christos Tranoris, Nikos Voros, Christophoros Christophorou, Iacovos Ioannou, Vasos Vassiliou, Ioanna Ioannou and Vasileios-Martin Nikiforidis
	87	A Probabilistic Digital Twin Model for Inland Waterway Transportation Systems Using Bayesian Networks - Alexandra Micu, Fereshteh Asgari, Mostepha Khouadjia, Kostas Zavitsas and Lorcan Connolly
	77	Real-Time Level of Service for Signalized Urban Intersections Based on Vehicle-To-Everything Communication - Michael Kloepfel-Gersdorf, Ina Partzsch, Hsi Chen and Thomas Otto
	23 - YR	R-TAMS: An Innovative Decision Support Tool for Real-Time and Prospective Air Quality Monitoring and Road Traffic Emissions - Guillaume Sabiron and Suzanne Bussod
	164 - YR	A WebGIS Mobility Dashboard for Analyzing Spatiotemporal Traffic Flow and Public Transport Dynamics in Athens, Greece - Parmenion Delialis, Orfeas Karountzos, Panagiotis Tzouras, Konstantinos Kouretas and Konstantinos Kepaptsoglou
	139	Social Media as a Complementary Tool for Measuring Public Transport Customer Satisfaction - Anastasia Nikolaidou, Georgios Georgiadis, Panagiotis Papaioannou and Ioannis Politis
21:00	Official Conference Dinner	

Programme

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Date: Thursday, 5 September 2024

Borlero Room

08:00-09:00

Registration

09:00-11:00

Technical Session 3.1 - New Mobility Services in the Digital Era

Moderator: Konstantinos Kokkinos

Paper ID	Title & Authors
153	Academic Mobility as a Service (AMaaS) Cybersecurity Challenges - Luís Barreto, António Amaral, Teresa Pereira and Sara Baltazar
150 - YR	Factors Influencing Maas Uptake in the Context of Developing Countries Based on the Unified Theory of Acceptance and Use of Technology 2 (UTAUT2) Framework - Salimah Hasnah and Debapratim Pandit
17 - YR	Whose Job Is Sharing Anyway? Exploring Swedish Expert and Actor Views on the Introduction of Autonomous, On-Demand Public Transport - Sigma Dolins, Marianne Karlsson, Helena Strömberg and Göran Smith
186 - YR	A Perception Study on the Safety of Autonomous Urban Transit - Christina-Iro Panopoulou and Eftihia Nathanail
125 - YR	Evaluating the Potential of Connected and Autonomous Vehicles on Freeway Work Zone Capacity - Fahmida Rahman, Nazmul Haque, Joseph Nadolny, Joseph Mackin, Steven Castlegrant and Brian Inclan
149	The PDI Developments And CCAM Ecosystem Analysis As Per The PoDIUM Project - Lazaros Gkatzikis, Ioannis Neokosmidis, Theodoros Rokkas and Vasilis Sourlas
91	On-site Demonstrations of C-ITS Architecture and Autonomous Vehicle Operation in the City of Trikala, Greece - Christos Ballis, Anna Antonakopoulou, Evangelos Tsougiannis, Tasos Theodoridis, Alexandros Liazos, Odisseas Raptis, Loukas Vavitsas, Elena Patatouka and Angelos Amditis

11:00-11:30

Coffee Break

11:30-13:30

Technical Session 1.2 - Sustainable Approaches to Efficient Traffic and Parking Management

Moderator: Panagiotis Papantoniou

Paper ID	Title & Authors
161 - YR	Sustainable Transport Literacy: Definitions, Conceptual Frameworks and Assessments - Nadezda Spiridovska, Evelina Budilovica, Irina Yatskiv and Inga Lincevica
55	Non - optimized Demand Responsive Signal Plans to Support Adaptive Traffic Control Systems (ATCSs) in Oversaturated Traffic Conditions - Nikolaos Mexis, Paraskevi Sarri, Antonia Kefala, Dimitrios Roumpekas and Dimitrios Sermpis
53 - YR	A Data-driven Decision Support System for Multimodal Network and Traffic Management - SYNCHROMODE - Evangelos Mitsakis, Dimitris Tzanis, Alexandros Dolianitis, Viktoria Petkani, Evangelos Mintsis, Areti Kotsi and Vasileios Psonis
95	Investigation of Parking Characteristics in Private lots - Panagiotis Papantoniou, Konstantinos Mersinis, Dimosthenis Pavlou and Christina Gergopoulou
146	Dynamic Pricing for Resilient Parking Management - Despoina Tsavdari, Josep Maria Salanova, Georgia Ayfadopoulou, Panagiotis Tzenos and Andreas Nikiforiadis1
111	Eco-driving Strategies in Autonomous and Manual Vehicle Interaction - Csaba Antonya, Silviu Butnariu, Ioana Alexandra Rosu and Ioana Diana Buzdugan

13:30-14:30

Lunch Break

14:30-16:30

Technical Session 8.2 - Assessment of Climate-friendly and Sustainable Transport Systems

Moderator: Maria Morfoulaki

Paper ID	Title & Authors
144	ENIGMA: Emissions Monitoring & Assessment Platform - Despoina Tsavdari, Josep Maria Salanova, Georgia Ayfadopoulou, Thanasis Tolikas, Panagiotis Tzenos and Thomas Dimos
25	Public Transport in the Center of Urban Mobility: An Impact Assessment Framework for New Mobility Services - Ioanna Pagoni, Evripidis Magkos and Amalia Polydoropoulou
81	Sustainable Public Transport Policies and Practices - A Comparative Study Across Mining Areas - Sorin Mihăilescu, Andrei Alexandru Boroiu and Alexandru Boroiu
171 - YR	Carbon Footprint Calculation of the Port of Thessaloniki, Greece - Georgios Palantzas, Chrysanthi Kazaklari, Sofia Papastaikoudi and Dimitrios Nalmpantis
151 - YR	Application of an Impact Model to Assess the Development of Urban Regeneration Project: The Case Study of DumBO District - Leonardo Cameli, Margherita Pazzini, Claudio Lanteri, Cecilia Mazzoli, Konstantina Douka and Annarita Ferrante

16:30-17:00

Coffee Break

17:00-19:00

Technical Session 4.3 - Integrated Planning for Active Mobility

Moderator: Dimitrios Nalmpantis

Paper ID	Title & Authors
85	Benefits and Impacts of Complete Streets - Eirini Stavropoulou, Nikiforos Stamatiadis, William Staats, Teng Wang and Reginald Souleyrette
19	Sustainable Urban Mobility Plans in Serbia: Where We Are and Where We Plan to Go? - Vladimir Đorić, Ivan Ivanović and Dragana Petrović
32	Public Engagement for Sustainable Mobility Policy Design: Insights from West Midlands, UK - Eleni Anoyrkati, Vladislav Maras and Dimitrios Nalmpantis
154	Measuring the Accessibility and Connectivity of the University of Thessaly Campuses in Volos, Greece - Evangelos Adamos, Eftihia Nathanail and Magda Nikolaraizi
62	The Impact of Different Game Dynamics on Sustainable Urban Mobility in Corporate Environments - Domenico Schillaci, Ilenia Tinnirello, Salvatore Di Dio, German Castagnini and Francesco Ferrero
107	The 15-Minute City Concept as A Solution To Urban Sustainable Mobility - Maria Shoina, Irene Voukkali, Apostolos Anagnostopoulos, Iliana Papamichael, Marinos Stylianou and Antonis Zorpas

21:00

Official Conference Dinner

Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Thursday, 5 September 2024

Belagia Room

08:00-09:00	Registration	
09:00-11:00	Technical Session 5.1 - Towards Safe and Green Mobility Moderator: Nikolas Samaras	
	Paper ID	Title & Authors
	30	A Methodology for Designing Sustainable Urban Mobility Interventions Towards Climate Neutral Cities - Iason Sioutis, Vangelis Angelakis, Anna Antonakopoulou, Vasileios Sourlas, Ida Grundel, Tina-Simone Neset and Angelos Amditis
	120	Roundabouts in Urban Contexts: A Study of Public Attitudes in Volos - Anastasia Apazidou, Dimitris Goudopoulos, Pantelis Kopelias, Apostolos Anagnostopoulos and Athanasios Theofilatos
	119	Safety and Secure Pedestrian Routing in Urban Areas - Thomas Dimos, Josep Maria Salanova, Despoina Tsavdari, Maria Konstantinidou, Thanasis Tolikas and Panagiotis Tzenos
	117	Identification and Comparison of Critical Aspects that Contribute to Motorcycle Crashes - Apostolos Anagnostopoulos, Panagiotis Lemonakis, Fotini Kehagia and Athanasios Galanis
	71	Speed Behavioral Regulation Among Lebanese Drivers: Sociocultural Influences and Behavioral Adaptation in Variable Driving Environments - Farah Kobeissy, Rafic Faddoul, Laurent Carnis and Wassim Raphael
64	An Innovative Design Process for the Development of a Safe and Active Lightweight Chassis - Oliver Deisser and Thomas Gruenheid	
11:00-11:30	Coffee Break	
11:30-13:30	Technical Session 2.1 - Clean Energy for Transport Infrastructure and Networks Moderator: Nikiforos Stamatiadis	
	Paper ID	Title & Authors
	126	Transition Towards Fossil-Free Energy Sources in the Shipping Sector: A Sustainability Index Analysis of Methanol and Liquefied Biogas - Taru Tanhuanpää, Elias Altarriba and Sirpa Rahiala
	73	Exploring Solar-Powered Boats and Photovoltaic Charging for Eco-Friendly Sea Travel from Kameiros Skala to Chalki Island - Maria Papandreou, Stavros Kyzalas, Michalis Bratitsis and Mary Panou
	92 – YR	Mobile Cross-Modal Infrastructure for the Supply of Electricity and Hydrogen - Tino Buschmann and Jochen Gallep
	47 – YR	Numerical Modelling of Accidents Occurred in Hydrogen Refuelling Stations - Adina Cristina Pasculescu, Gabriel Dragos Vasilescu, Vlad Mihai Pasculescu and Dan Dumitru Pintilie
1	International Standard for Electric Road System - Junichi Hirose	
13:30-14:30	Lunch Break	
14:30-16:30	Technical Session 7.2 - Spatial Interactions of Transport Systems Moderator: Dionysia Georgia Perperidou	
	Paper ID	Title & Authors
	61	Effective Railway Infrastructure Planning Using GIS for Data Mapping and Analysis: Case Study Level Crossings in Zagreb, Croatia - Silvestar Grabušić and Danijela Barić
	57	Evaluating the Effect of Transforming Public Space on Customer Traffic – Utilization of Mobile Phone Data - Michael Hardinghaus, Simon Nieland, Rita Cyganski, Julia Schuppan and Alejandro Prieto Mota
	43	Decision Support System for Offline and Online Traffic Management in Urban Areas - Annarita Carianni, Ernesto Cipriani, Livia Mannini and Arianna Stimilli
	134	Optimization of Thessaloniki's Public Transport System with the Use of Conjoint Analysis: A Tourists' Perspective - Dimitrios Nalmpantis, Hugo Bois, Eleni Anoyrkati and Vladislav Maras
	175 - YR	Optimization of Seaplane Transport System In Greece with the Use Of Conjoint Analysis - Georgios Chatzirakleous, Asterios Chouridis, Georgios Palantzas and Dimitrios Nalmpantis
54	Exploring the Impacts of Cavs, Evs and Maas on Future Transport Systems: Results of an International Delphi Study - Paraskevi Sarri, Ioannis Kaparias and John Preston	
16:30-17:00	Coffee Break	
17:00-19:00	Technical Session 2.2 - Energy Transition in Road Transportation Moderator: Zoi Petrakou	
	Paper ID	Title & Authors
	8	Electric Bus Adoption: Travel Satisfaction Of Young Transport Users with The Evidence From Vietnam - Thanh Thi My Truong
	11	BEST_CP, a Software to Estimate the Daily Charging Profile of Urban Public Transport Operated with Battery Electric Buses - Matteo Corazza, Valentina Conti, Silvia Orchi and Maria Pia Valentini
	138 - YR	Evaluation Framework of Next Generation Electric Trucks - Dimitris Margaritis, Lukasz Zymelka, Hans-Michael Koegeler, Leo Xanakis, Sophie Naylor, Victor Lejona, Jordan Vander Hoogt, Daan van Rooij, Iban Vicente Makazaga and Dai-Duong Tran
	184 - YR	Single-Charge Feasibility Evaluation of Synthetic Electric New York City Truck Tours - Haggai Davis III and Joseph Chow
12	Investigating Electric Cars Charging Behaviour in Italian Urban Areas - Natascia Andrenacci, Francesca Bruno, Valentina Conti and Maria Pia Valentini	
21:00	Official Conference Dinner	

Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Friday, 6 September 2024

Natura Room

08:00-09:00	Registration	
09:00-11:00	Technical Session 5.2 - Transportation Equity and Social Inclusion Moderator: Josep Maria Salanova	
	Paper ID	Title & Authors
	180 - YR	Potential Accessibility, Equity Benefits and Counter Effects of Large-Scale Urban Mobility Projects - Roxani Gkavra, Panagiotis Tzouras and Stefanos Tsigdinos
	46- YR	Accessibility Assessment of Coastal Transportation Networks Under Storm Surge Scenarios Influenced by Sea Level Rise - Geronimo Pulido, Fumitaka Kurauchi, Tomonao Kobayashi, Kouhei Araki and Shuya Murase
	39	Conceptualization of a Framework for Intelligent Management of Paratransit Systems: Enhancing Efficiency and Accessibility - Vitor Oliveira, Jose Telhada and Sameiro Carvalho
	16	Bus Rapid Transit (BRT) deployment in Europe: Is Mobility Culture an Enabler? - Maria Morfoulaki, Maria Chatziathanasiou and Iliani Styliani Anapali
173	Safe and Inclusive Pedestrian Routes in Complex Urban Environment - Dionysia Georgia Perperidou, Eleni Balta and Stavroula Siori	
11:00-11:30	Coffee Break	
11:30-13:30	Technical Session 4.2 - Micromobility and Cycling Infrastructure and Services Moderator: Maria Karatsoli	
	Paper ID	Title & Authors
	86	Benefits from Bicycling and Pedestrian Infrastructure Improvements - Dionysios Tzamakos, Nikiforos Stamatiadis, William Staats, Teng Wang and Reginald Souleyrette
	135 - YR	Analysis of the Bicycle Lane Network of a Medium Sized Greek city - Case Study: Larissa - Georgios Kalfountzos
	170	Low Stress Cycling Route Network Design with Bicycle Accessibility Evaluation - Efthymios Basdekis, Konstantinos Athanasopoulos and Efthymios Bakogiannis
	13 - YR	Enhancing Pedestrian and Cyclist Safety in African Cities through Living Labs: An Integrative Analysis - Catharina Lutz, Mary Mwangi, Hidaya Namakula, Joseph Tusubira, Martín Bejarano and Jochen Eckart
	158 - YR	Determining Service Quality Factors for Onboard Bicycling to Promote effective Bicycle-Metro Integration - Niyatha Balan and Debapratim Pandit
100	Targeting Change for Active Travel - Nikolas Thomopoulos, Gabrielle Lin, Sadhana Jagannath and Xinyang Liu	
56	Analysis of Temporal and Spatial Patterns of Shared E-scooter Trips and their Impacts on Traffic Operations in Birmingham, AL - Mostafa Jafarzadehfadaki, Virginia P. Sisiopiku, Furat Salman, Da Yan, Jalal Khalil and Wencui Yang	
13:30-14:30	Lunch Break	
14:30-16:30	Closing - Awards	

Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Friday, 6 September 2024

Borlero Room

08:00-09:00	Registration	
09:00-11:00	Technical Session 3.2 - Smart Traffic Management and Control Moderator: Nikolas Thomopoulos	
	Paper ID	Title & Authors
	127	Opportunities and Barriers Towards the Implementation of Innovative Traffic Management Systems in Europe - Konstantina Derpani, Emy Apostolopoulou, Varvara Mylona, Emma Ceulemans, Mylena Cristine Rodrigues de Jesus and Ruth Anderson
	160	Prospective Environmental and Economic Impacts of the Implementation of Free Flow Open Road Tolling (ORT) in Greece - Maria Katsimpra and Dimitrios Nalmpantis
	94	Intelligent Optimization for Designing Resilient Transit Networks Under Multiple Objectives - Christina Iliopoulou
27	On-Board Vehicle Weighing for Intelligent Road Freight Control - Alexandra Micu, Eugene J. Obrien, Peter Geirnaert, Iris Neels, Nico Dumez and Beatriz Martinez-Pastor	
11:00-11:30	Coffee Break	
11:30-13:30	Technical Session 1.3 - Innovative Solutions for Resilient Transport Systems Moderator: Fotini Kehagia	
	Paper ID	Title & Authors
	68	Urban Resilience Decision Making for Public Transportation Service Criteria via Fuzzy AHP and FTOPSIS Methodologies - Konstantinos Kokkinos and Eftihia Nathanail
	185 - YR	How Easily Can MaaS Penetrate the Travel Demand Market - Chrysanthi Bousia and Eftihia Nathanail
	145	Innovative Adaptation of Predictive Maintenance Familiarization Content to Address Contemporary Requirements in Transportation Sector - Georgios Ntanis, Aggelos Aggelakakis, Maria Boile, Leonidas-Nektarios Tsaganos, Konstantinos Papaefthimiou, Maria Baroutsi, Stefanos Chatzinikolaou, Daniela Paven, Miomir Vlascici and Emilia Binchiciu
	18	Envisioning the Future Predictive Maintenance (PM) Employee Profile in Transportation Sector - Attila Akac, Afroditi Anagnostopoulou, Adrian Solomon and Vassilios Kappatos
93	HARMA: A Decision-support Tool for Enhancing Road Transport Infrastructure Resilience Against Natural Hazards - Theocharis Ballis, Marianna Loli, Maria Antoniou and Ralis Kourkoulis	
13:30-14:30	Lunch Break	
14:30-16:30	Closing - Awards	



Programme

Location: KAZARMA HOTEL & CONFERENCE CENTRE, PLASTIRA'S LAKE, GREECE

Date: Friday, 6 September 2024

Belagia Room

08:00-09:00	Registration	
09:00-11:00	Technical Session 8.3 – Climate-neutral and Sustainable Mobility in Practice Moderator: Virginia P. Sisiopiku	
	Paper ID	Title & Authors
	15	Future-Ready Transport, Shipping, and Logistics: Rethinking Competence and Skills in Response to Climate Change - Maria Karatsoli, Ioannis Karakikes, Maria Lambrou and Ioanna Pagoni
	167	Shared Micro-Mobility as Integrated Part of Intermodal Transit: Aspects of Collaboration Between Providers and Municipalities - Nicolas Schuete and Christian Rudolph
	31	Climate Crisis and Resilient Last Mile Logistics . The Analysis of Pick-up Points System in Acireale, Italy - Antonio Russo, Giovanni Tesoriere, Efstathios Bouhouras, Socrates Basbas and Tiziana Campisi
	51	Sharing a Car with Your Next-Door Neighbor: Motivations and Barriers to Adoption of Low-Carbon Mobility in Israel - Aviva Shemesh and Yael Parag
	109	Designing Long-Term Systemic Transformation Frameworks towards Climate Neutrality: The Approach of Transition Super Lab in Western Macedonia Region - Georgia Ayfantopoulou, Maria Konstantinidou, Despoina Tsavdari and Thomas Dimos
159	Drivers and Barriers for Shared Mobility on the Scale of an Island: A Stakeholders' Perspective Analysis - Vasiliki Amprasi, Panagiotis Papantoniou, Dimosthenis Pavlou and Eleni Karakitsou	
11:00-11:30	Coffee Break	
11:30-13:30	-	
13:30-14:30	Lunch Break	
14:30-16:30	Closing - Awards	