

# RESEARCH & PROFESSIONAL ACTIVITIES

October 12 - 15, 2021

AND

## 2<sup>ND</sup> INTERNATIONAL CONFERENCE

*INTERMODAL TRANSPORTS: INNOVATIONS IN PLANNING,  
MANAGEMENT, BUSINESS DEVELOPMENT & DECISION MAKING*

October 14 & 15, 2021

Astir Egnatia Resort, Alexandroupolis, Greece

### CONFERENCE PROGRAMME



ΔΗΜΟΚΡΙΤΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΡΑΚΗΣ  
DEMOCRITUS UNIVERSITY OF THRACE

Department of Economics  
Democritus University of Thrace

Conference chair:  
Dimitrios Dimitriou  
Assoc. Prof. DUTH

Supported and funded

Research Infrastructure



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Ινστιτούτο Βιώσιμης Κινητικότητας  
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#### Past Conference Contributor



**Tuesday 12/10/2021**

**Hybrid Sessions**

**Research Mentoring and Networking**

**11:30-12:00** (*Registration via <https://vip4ride.com/>*)

**12:00-13:15**

**Session I – Overview of Research in Supply Chain**

**Welcome Speech**

*Evangelos Drimpetas, Professor*

*Dean of the School of Social, Political and Economic Sciences, DUTH*

**State of the Art Research in Transport and Supply Chain**

*Dimitrios Dimitriou, Associate Professor*

*Chair of 2<sup>nd</sup> Int. Conference on Intermodal Transports, Department of Economics, DUTH*

**The Challenges for Studies and Research in U.S.A**

*Evangelos Kaisar, Professor*

*Multimodal Intelligent Systems Laboratory, Florida Atlantic University*

**Will Government Net Zero Carbon Objectives Limit Aviation Growth?**

*Callum Thomas, (em) Professor*

*Manchester Metropolitan University*

**New Trends in Managing Performance in Transport Enterprises**

*Maria Sartzetaki, Assistant Professor*

*Department of Economics, DUTH*

**OHS in Air Navigation Services**

*Dr. Stylianos Zantanidis, Research Fellow*

*Department of Economics, DUTH*

**Ethic Challenges in Modern Business**

*Dr. Panagiotis Kormas, Research Fellow*

*Applied Philosophy Research Lab, National Kapodistrian University of Athens*

**13:15-15:00**

**Session II - PhD Research Outputs in Supply Chain and Large Infrastructure Management**

**Measuring Sustainable Development: The case of the critical infrastructure**

*A. Karagkouni, PhD Candidate*

*Department of Economics, DUTH*

**Accessibility and event planning for Cultural Infrastructure**

*I. Kalenteridou, PhD Candidate*

*Department of Economics, DUTH*

**Mathematical Optimization Model for Minimizing the Autonomous Robots Logistic Cost via Artificial Intelligence Algorithm**

*V. Antonoglou, Graduate Research Assistant*

*Department of Civil, Environmental and Geomatics Engineering, Florida Atlantic University*

**CBA Analysis of Energy Projects**

*P. Zeimpekis, PhD Candidate*

*Department of Economics, DUTH*

**Project Management Techniques Towards Maritime Efficiency***G. Sklias, PhD Candidate**Department of Economics, DUTH***Analysis framework for certification of transport services and critical infrastructure***S. Stavrakoglou, PhD Candidate**Department of Economics, DUTH***The resilience of business ecosystems in the post-COVID-19 era: Notes on the European Recovery and Resilience Facility***D. Chatziniolaou, PhD Candidate**Department of Economics, DUTH***The importance of medical facilities for international tourist arrivals***P. Apalaki, PhD Candidate**Department of Medicine, DUTH***15:00-15:30****BREAK****15:30 – 17:30****Session III – Research outputs and Relevant Research Fields****The impact of the pandemic Covid-19 on the Digital Transformation and the organizational change in driving schools***E. Nousopoulou, M. Kamariotou, F. Kitsios**University of Macedonia, Thessaloniki***Social media platforms and travel planning information: Measuring users' perceived value and trust***E. Moustaka, E. Mitsopoulou, M. Kamariotou, F. Kitsios**University of Macedonia, Thessaloniki***Assessing Customer Satisfaction in the Greek 3PL Market***C. Tzoulas, M. Madas, F. Kitsios**University of Macedonia, Thessaloniki***Intention to use & customer satisfaction towards mobile payments services: An empirical study***A. Sideri, M. Kamariotou, F. Kitsios**University of Macedonia, Thessaloniki***Freight Data Efficient Management in Safe and Secure Truck Parking Areas within the Single Window Framework***M. Kouta, A. Koukounaris, K. Marousi**Department of Civil Engineering, University of Patras***Economic Assessment and Recommendations for Future Development of Energy Pipelines***M. Karagkouni**MSc in Energy, Environmental Technology and Economics, City, University of London***OHS conditions at Greek airports***P. Asprouli**MSc in OHS, Department of Medicine, DUTH***OHS for the supply chain enterprises***S. Mixafenti**MSc in OHS, Department of Medicine, DUTH***Media Tool for Destination Marketing: The case of Alexandroupolis***A. Minardos**Research Fellow, Department of Economics, DUTH*

## Wednesday 13/10/2021

### Hybrid Sessions

#### Research Workshops and Scientific Editions

**11:00 – 11:30**

**Keynote address**

**Prof. Maria Michalopoulou**, Vice-Rector of Research and Life-long Learning, DUTH

**Eleni Papadopoulou**, special Division B<sub>1</sub>, Ειδική Υπηρεσία Διαχείρισης ΕΠΑνΕΚ

**Thomas Chantzis**, special Division B<sub>1</sub>, Ειδική Υπηρεσία Διαχείρισης ΕΠΑνΕΚ

**Prof. Amalia Polydoropoulou**, EN.I.R.I.S.ST. and EN.I.R.I.S.ST.+ Coordinator, University of Aegean

**11:30-15:30**

**Session I- Working Meeting of the E.N.I.R.I.S.S.T. Research Infrastructure Project**

*Technical and Scientific Meeting of the involved partners*

**15:30-16:00**

**Coffee Break**

**16:00-18:00**

**Session II- Working Meeting of the E.N.I.R.I.S.S.T. Plus Research Project**

*Technical and Scientific Meeting of the involved partners*

**18:00 -18:30**

**Coffee Break**

**18:30-19:30**

**Session III- Presentation of New Scientific Editions**

**"Future Policies and Strategies for Nation Branding"**

*Victoria Pistikou, Assistant Professor*

*Department of Economics, DUTH*

**"Outsourcing and Offshoring"**

*Dimitrios Dimitriou, Associate Professor*

*Department of Economics, DUTH*

**"Air Traffic Management and Control"**

*Stylianos Zantanidis, Dr, Research Associate, Department of Economics, DUTH*

*Head, Alexandroupolis "Dimokritos" Airport*

**"Educational Book for Primary & Secondary School Students"**

*Maria Lambropoulou, Professor*

*Department of Medicine, DUTH*

**20:00**

**Participants' Networking Dinner at city of Alexandroupolis**  
*Nisiotiko restaurant (Casual dressing)*

# Thursday 14/10/2021

## On-site Presentation Sessions (web attendance option provided)

**08:30-09:30**

### Registration on Conference Venue

**09:30-10:15**

### Welcome remarks by the Conference Chair

**Dimitrios Dimitriou**, Associate Professor, Dept of Economics, DUTH

### Conference Host University

**Alexandros Polychronidis**, Professor, Rector of DUTH

**Evvangelos Drimpetas**, Professor, Dean of the School of Social, Political and Economic Sciences, DUTH

**Konstantinos Hazakis**, Professor, Head of Dept of Economics, DUTH

### Regional Authorities

**Dimitris Petrovits**, Vice-Governor, Prefecture of Evros (represented by **A. Tsonis**, Evros Vice-Governor of Tourism)

**Ioannis Zamboukis**, Mayor, Municipality of Alexandroupolis

**Christodoulos Topsisidis**, President, Evros Chamber of Commerce and Industry

### International Universities and Research Institutions

**Pantelis Sklias**, Professor, Rector of Neapolis University Pafos, Cyprus

**Theodosios Pelegrinis**, (em) Professor, Applied Philosophy Research Lab, (former Rector), National Kapodistrian University of Athens

**Alexander Skabardonis**, (em) Professor, University of California, Berkeley

**Evvangelos Kaisar**, Professor, Director, Freight Mobility Research Institute, Florida Atlantic University

**Evvangelos Bekiaris**, Director of the Hellenic Institute of Transport (HIT) -Centre for Research and Technology Hellas (CERTH)

### Organization - Authorities

**Bill Halkias**, President, International Road Federation (IRF)

**Konstantinos Koutsoukos**, President, "HELLASTRON"

**Georgios Dritsakos**, Governor, Hellenic Civil Aviation Authority (HCAA)

**Konstantinos Chatzimichail**, BoD Chairman, Alexandroupolis Port Authority S.A.

### Regional Business Associations

**Christos Giordamliis**, President, Federation of Industries of Evros

**Apostolos Palakidis**, President, Hoteliers Association of Thrace

**Athanasios Pantazis**, President, Association of Economists of Evros

**10:15-10:45**

### Message from the Government

**Sofia Zacharaki**, Deputy Minister of Tourism, Greece

**10:45-11:45**

**Moderator: F. Maris**, Professor, Vice-Rector, DUTH

### Message from the Industry

**Athanasios Vourdas**, General Manager, International Airport Heraklion - Crete (IAHC)

**Bill Halkias**, President of the International Road Federation (IRF), CEO at Attikes Diadromes S.A.

**Konstantinos Koutsoukos**, CEO, Egnatia Odos S.A.

**Skipion Apostolakis**, Vice President, MIRTEC S.A. (EBETAM)

**Christos Giordamliis**, CEO, Prisma Electronics

**Chronis Dardabounis**, Director of Strategy and Development, Akritas S.A.

**Christodoulos Topsisidis**, President, Evros Chamber of Commerce and Industry

**Apostolos Palakidis**, President, Hoteliers Association of Thrace

**11:45-13:00**

**Moderators:** *P. Sklias, Professor, Rector of Neapolis University Pafos*  
*M. Michalopoulou, Professor, Vice-Rector, DUTH*

**Planning and Operational Challenges****Fair Prices and Global Players in the Port Industry**

*Konstantinos Chlomoudis, Professor, Department of Maritime Studies, University of Piraeus*

**The main dilemmas for railway companies in the domain of freight railway transportation**

*Christos Pyrgidis, Professor, School of Civil Engineering, Aristotle University of Thessaloniki*

*Evaggelos Christogiannis, Director of track maintenance, OSE*

*Panagiotis Anastasiou, Aristotle University of Thessaloniki*

**State of the Art Research in Automation and Digitalization in transport sector**

*Dr. Evangelos Bekiaris, Director, Hellenic Institute of Transport (HIT) & Vice President, Centre for Research and Technology Hellas (CERTH)*

**Maximizing Multimodal Connections for Improved First-/Last-Mile Freight Transportations: Noteworthy Practices from the U.S. and Europe**

*Evangelos Kaiser, Professor, Director, Freight Mobility Research Institute, Florida Atlantic University*

**Innovating for Public Transport Intermodality: the processes of identification and creation**

*Aristotelis Naniopoulos, (em) Professor, Aristotle University of Thessaloniki*

**13:00-14:30****Press Conference to media representatives (At Conference Room)****Followed by Lunch Break****14:30-14:45****Digitalization and Intelligence in Industry**

*Leonidas Christopoulos, Secretary General of General Secretariat of Digital Governance*

**14:45-16:00**

**Moderators:** *K. Chlomoudis, Professor, Dept. of Maritime Studies, University of Piraeus*  
*E. Bekiaris, Director, of the Hellenic Institute of Transport (HIT) - (CERTH)*

**Developing New Research Infrastructure: The case of EN.I.R.I.S.S.T. and EN.I.R.I.S.S.T.+**

*Amalia Polydoropoulou, Professor, Department of Shipping Trade and Transport, University of Aegean*

**Developing Intelligent Services in Transport Sector: The case of East Macedonia and Thrace (EN.I.R.I.S.S.T.+)**

*Dimitrios Dimitriou, Associate Professor, Department of Economics, DUTH*

**Applications and tools for improving mobility and accessibility**

*Dr. Georgia Ayfantopoulou, Research Director – Deputy Director, HIT*

**Digital strategy and IS in e-government: Assessing users' acceptance and satisfaction**

*Fotis Kitsios, Associate Professor, Department of Applied Informatics, University of Macedonia*

*Konstantinos Ioannou, Head of the Cybersecurity Department, Hellenic Ministry of Interior*

*Maria Kamariotou, Research Associate, Department of Applied Informatics, University of Macedonia*

**Challenges for promoting commercial activities in Tourist airports**

*Theodoros Sbiliris, Deputy Chief Development Officer, International Airport Heraklion - Crete (IAHC)*

**16:00-17:15**

**Moderators:** *C. Pyrgidis, Professor, School of Civil Engineering, Aristotle University of Thessaloniki*  
*N. Varsakelis, Professor, Dept of Economics, Aristotle University of Thessaloniki*

**State of the Art analysis framework and applications****ECO Driving: Strategies and Impacts**

*Alexander Skabardonis, (em) Professor, University of California, Berkeley*

### **A Difference-in-Differences Analysis for Capturing the Effects of the Recently Imposed Changes in International Trade Agreements on the Metallic Scrap Cargo Flow**

**Loukas Dimitriou**, Assistant Professor, Department of Civil and Environmental Engineering, University of Cyprus

### **Procurement of Bus Public Transport Services: Consideration of Multimodality Issues**

**Panagiotis Papaioannou**, Professor, School of Civil Engineering, Aristotle University of Thessaloniki

**Georgios Georgiadis**, elected Assistant Professor, School of Civil Engineering, Aristotle University of Thessaloniki

**Ioannis Politis**, Assistant Professor, School of Civil Engineering, Aristotle University of Thessaloniki

### **New hub for Tourism in Greece: The new airport of Crete**

**Dr. Ayca Kolukisa**, Chief Strategy Officer, International Airport Heraklion - Crete (IAHC)

### **Measuring Corporate Performance towards Business Resilience**

**Maria Sartzetaki**, Assistant Professor, Department of Economics, DUTH

**17:15-17:30**

**Coffee Break**

**17:30-18:45**

**Moderators: T. Pelegrinis**, (em) Professor (former Rector), National Kapodistrian University of Athens

**T. Konstantinidis**, Professor, Director of Hygiene Lab, Dept. of Medicine, DUTH

### **Ethics and management in Supply Chain sector**

#### **The ethics of AI in decision-making**

**Evangelos Protopapadakis**, Associate Professor, National and Kapodistrian University of Athens

#### **Occupational Health and Safety Challenges in the Transport sector**

**Theodoros Konstantinidis**, Professor, Director of Hygiene Lab, Department of Medicine, DUTH

#### **The concept of bioethics in supply chain sector**

**Alexandra Tsaroucha-Tsichrintzi**, Professor, Department of Medicine, DUTH

#### **Practices for managing Human Resources and wellbeing**

**Dr. Panagiotis Kormas**, Research Fellow, Applied Philosophy Res. Lab, National Kapodistrian University of Athens

#### **The influence of the media on the controversial passenger behavior during the Covid-19 pandemic**

**Vasiliki Bafataki**, Communication Specialist - Journalist, PhD Candidate, DUTH

**18:45-19:00**

**1<sup>st</sup> Day of Conference Closings by Dimitrios Dimitriou**, Associate Professor, DUTH, Conference chair

**19:00 - 20:00**

## **Presentation of Honorary Volume for Prof. (emeritus) Chatzikonstantinou Georgios**

**Evaggelos Drimpetas**, Dean, School of Social, Political & Economic Sciences, DUTH

**Pantelis Sklias**, Rector, Neapolis University Pafos, Cyprus

**Spyridon Roukanas**, Associate Professor, Dept of International & European Studies, University of Piraeus

**Nikolaos Varsakelis**, Professor, Dept of Economics, Aristotle University of Thessaloniki

**Konstantinos Hazakis**, Head, Dept of Economics, DUTH

## Official Dinner

***Thursday 14.10.2021, time 20:00pm  
Astir Egnatia Hotel, Alexandroupolis  
(a special award session is taken place)***



<https://www.astiregnatia.com/dining-restaurants.html>



# Friday 15/10/2021

## Hybrid Presentation Sessions

### 09:00-10:00

#### Session I- Research Infrastructure Outputs

**Moderators: A. Tsirimpa and I. Pagoni**

#### Setting the basis of an Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics (ENIRISST): A Comparative State - of - the - art Review of e- Infrastructures

*A. Polydoropoulou, A. Tsirimpa, I. Pagoni, D. Kouniadi*

*Department of Shipping, Trade and Transport, University of the Aegean*

#### SCOPE project: towards a more efficient freight transport system in Southeastern Europe

*D. Nalmpantis, E. Genitsaris, V. Amprasi, A. Naniopoulos, A. Akac, A. Anagnostopoulou*

*School, of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki  
Hellenic Institute of Transport; Centre for Research and Technology Hellas*

#### Intelligent cooperative integrated system for road safety and road infrastructure maintenance: ODOS 2020

*B. Halkias, H. Tyrogianni, N. Kalfa, K. Argyropoulou, C. Kidikoudis*

*Attikes Diadromes S.A.*

#### What makes the dockless wheels spin? Exploring factors affecting users' intentions to use Bike Sharing Systems

*I. Politis, I. Fyrogenis, E. Papadopoulos, A. Nikolaidou, E. Verani*

*School of Civil Engineering, Aristotle University of Thessaloniki, Thessaloniki*

### 10:00-11:00

#### Session II – Logistics in the digital era

**Moderators: I. Politis and I. Kalenteridou**

#### Identifying publicly available data sources for freight transportation planning

*A. Ballis, T. Moschovou, E. Sfakianaki*

*Department of Transportation Planning & Engineering, NTUA*

#### Development of a Virtual Maritime Logistics Platform for effective and efficient maritime logistics

*G. Aifantopoulou, B. Vassilantonakis, E. Xenou*

*Hellenic Institute of Transport- Centre for Research and Technology Hellas*

#### Flexible warehousing solutions through the use of Virtual Freight Center in Thessaloniki Region

*G. Aifantopoulou, E. Xenou, L. Parodos, G. Tsoukos*

*Hellenic Institute of Transport- Centre for Research and Technology Hellas*

*New Technologies and Innovation Department, TREDIT S.A*

#### Challenges and Prospects of City Logistics in the City of Athens

*K. Seimeni, A. Tsirimpa*

*University of West Attica, Postgraduate (MSc) Program of Studies, "New Technologies in Shipping &*

### 11:00-12:15

#### Session III – AI and Blockchain

**Moderators: L. Dimitriou and P. Apalaki**

#### Assessing blockchain technology for certifying eFTI platforms and service providers in E.U.

*N. Rachaniotis, M. Masvoula, T. Dasaklis, G. Chondrokoukis, E. Kopanaki*

*University of Piraeus*

**Google's VRP free algorithm evaluation study and its use in small and medium transportation problems**

A. Pantopoulos, E. Chrysochoou, A. Ziliaskopoulos, A. Lois

Department of Mechanical Engineering, University of Thessaly

System Optimization Lab, Department of Mechanical Engineering, University of Thessaly

**Distributed ledger technologies for the sustainable supply chain**

K. Ilchenko, D. Polish, A. Puhachova, M. Reeves

IntellectEU

**Testing a mobile routing application focusing on usability and user experience**

E. Chalkia, E. Bekiaris, G. Yanniss

Hellenic Institute of Transport (HIT) of the Centre for Research and Technology Hellas (CERTH)

Department of Transportation Planning and Engineering, National Technical University of Athens

**Internet Service for Vehicle Routing Problem with Time Windows based on a Metaheuristic Approach and OSRM**

E. Spyrou, A. Anagnostopoulou, A. Aggelakakis, A. Tromaras, M. Boile

School of Electrical and Computer Engineering Aristotle University of Thessaloniki

Hellenic Institute of Transport Centre for Research and Technology Hellas

Department of Maritime Studies University of Piraeus

**12:15-13:15**

**Session IV – Freight Cargo: New Challenges Ahead**

**Moderators: C. Pyrgidis and A. Lois**

**Practical and theoretical optimisation perspectives of agricultural transport**

A. Ballis, G. Kasselouris

Department of Transportation Planning & Engineering, NTUA

**Railway freight: Cutting-edge technologies in the domain of rolling stock manufacturing and network operation**

C. Pyrgidis, A. Dolianitis

Aristotle University of Thessaloniki

**Identification of Truck Parking Locations in Florida State with Spatial Analysis Tools**

V. Antonoglou

Department of Civil, Environmental and Geomatics Engineering, Florida Atlantic University

**Interregional analysis and network indices for road freight flows in Greece**

T. Tsekeris

Centre of Planning and Economic Research (KEPE)

**13:15-14:15**

**Session V – Intermodality: Efficient Planning and Performance**

**Moderators: N. Rachaniotis and M. Sartzetaki**

**A conceptual model for intermodal transport databases**

A. Ballis, T. Moschovou, B. Babalis

Department of Transportation Planning & Engineering, NTUA

**Enabling public engagement for fostering intermodality**

V. Amprasi, E. Genitsaris, A. Naniopoulos, D. Nalmpantis

School of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki

**Enhancing multimodal transport operations in the Adriatic – Ionian region**

M. Miltiadou, E. Bouhouras, G. Mintsis, S. Basbas, C. Taxiltaris

*School of Rural & Surveying Engineering, Aristotle University of Thessaloniki*

**Investigating the potential of ride-sharing services in Thessaloniki, Greece**

*P. Igoumenidis, I. Politis, G. Georgiadis, and A. Kopsacheilis*

*Transport Engineering Laboratory, School of Civil Engineering, Aristotle University of Thessaloniki*

**14:15-15:30**

**Session VI – Decision Making and Management**

**Moderators: F. Kitsios and A. Karagkouni**

**Multimodal Freight Transportation: Support to Decision-Making Processes within the European Region**

*P. Nikolaou, L. Dimitriou*

*Department of Civil and Environmental Engineering, University of Cyprus*

**Graph-based Information Dissemination for Supporting Real-Time Decision-Making in Transports**

*C. Tryfonopoulos, L. Zervakis, P. Raftopoulou*

*Department of Informatics & Telecommunications, University of the Peloponnese*

**How to enhance the capacity of a regional ecosystem towards the development of intermodal transport innovation?**

*E. Genitsaris, V. Amprasi, A. Naniopoulos, D. Nalmpantis*

*School of Civil Engineering, Faculty of Engineering, Aristotle University of Thessaloniki*

**Strategic Employee Relations Management and Business Strategy: Choices and Outcomes**

*E. Triantafyllidou*

*Department of Economics, Democritus University of Thrace*

**Managing Occupational Health and Safety in PPP/Concession Infrastructure**

*K. Papakostas, D. Dimitriou*

*Olympia Odos*

*Department of Economics, DUTh*

**15:30-16:45**

**Session VII– Risk Mitigation and Contingency**

**Moderators: M. Chalaris and G. Sklias**

**Managing intermodal transportation of hazardous materials accident using free software applications**

*M. Chalaris*

*Department of Chemistry, School of Science, International Hellenic University*

**European Risks from Disease Spreading Scenarios: Critical airports, Stress- Tests and Passengers Monitoring**

*P. Nikolaou, L. Dimitriou*

*Department of Civil and Environmental Engineering, University of Cyprus*

**Impact of driver feedback on behavior and safety through a smartphone application**

*A. Kontaxi, A. Ziakopoulos, P. Papantoniou, G. Yannis*

*School of Civil Engineering, National Technical University of Athens*

*University of West Attica*

**A review of the transport sector: Notes from the post-COVID-19 era**

*D. Chatzinikolaou, D. Dimitriou*

*Department of Economics, Democritus University of Thrace*

**Disaster Risk Analysis for Critical Infrastructure**

*D. Dimitriou, A. Karagkouni, G. Sklias*

*Department of Economics, Democritus University of Thrace*

**16:45-18:00****Session VIII – Sustainability and Resiliency****Moderators: P. Papantoniou and V. Pistikou****What does Sustainable Development mean for an Airport?**

Callum Thomas

Department of Natural Sciences, Manchester Metropolitan University

**A National Cost Benefit Analysis for Electromobility: the case of Cyprus**

F. Alogdianakis, L. Dimitriou

Department of Civil and Environmental Engineering, University of Cyprus

**Market viability of innovative ITS solutions for fuel consumption reduction of heavy duty road vehicles**

D. Margaritis, S. Öncü, K. Koprubasi, T. Desseilles, J-C Pandazis

Centre for Research and Technology Hellas (CERTH)/Hellenic Institute of Transport (HIT)

FORD OTOSAN

**Sustainable intermodal supply chain management for perishable food products**

V. Yakavenka, D. Vlachos, I. Mallidis, D. Bechtsis

Department of Mechanical Engineering, Aristotle University of Thessaloniki

Department of Statistical and Insurance Science, University of Western Macedonia

Department of Industrial Engineering and Management, International Hellenic University, Greece

**Airport Sustainability Performance Evaluation based on their Environmental Strategy**

A. Karagkouni, D. Dimitriou

Department of Economics, DUTh

**18:00-19:15****Session IX – Technology and Electrification****Moderators: S. Stavrakoglou and A. Thanos****Motorway capacity under normal and autonomous driving conditions**

P. Papantoniou, V. Kalliga, C. Antoniou, D. Sermpis, B. Halkias

University of West Attica

Technical University of Munich

Attikes Diadromes S.A

**The impact of technology on digital transformation: A literature review**

V. Tsiavos, F. Kitsios

Department of Applied Informatics, University of Macedonia

**A framework for the "humanization" of Autonomous Vehicles**

P. Papantoniou, C. Antoniou

University of West Attica

Technical University of Munich

**Investigating mobility characteristics in University of West Attica. The case of an electric bus**

M. Zisi, N. Arvanitakis, K. Sitermegia, E. Michelakaki, A. Stamatiou, A. Souflas, P. Papantoniou

University of West Attica

**Investigating gaps in electromobility: The case of Region of Attica**

F. Orfanou, P. Papantoniou, G. Yanniss, E. Vlahogianni

Department of Transportation Planning and Engineering, National Technical University of Athens

University of West Attica

**19:15-19:30****2<sup>nd</sup> Day of Conference Closings**