Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

Future Mobility and Resilient Transport: Transition to innovation

WORKSHOP SESSIONS Wednesday 01/09/2021

Workshop I - Challenges & Lessons Learned in CCAM (SHOW project) 09:00-13:30

Room: Muses I, Mediterranean Hotel

Organizer: Dr. Evangelos Bekiaris, Director, Hellenic Institute of Transport (HIT)/ Centre for

Research and Technology Hellas (CERTH) abek@certh.gr

	earch and Technology Helias (CERTH) <u>abek@certh.gr</u>
Co-organizers:	Dr. Maria Gkemou, Principal Researcher, Hellenic Institute of Transport (HIT)/
	Centre for Research and Technology Hellas (CERTH)
	Matina Loukea, Research Associate, Hellenic Institute of Transport (HIT)/
	Centre for Research and Technology Hellas (CERTH)
09:00-09:15	CCAM for Public Transport – Insights from the SPACE project
	- Henriette Cornet, UITP
09:15-09:30	User informed CCAM through international surveys
	- Nikolas Thomopoulos, University of Surrey and WISE-ACT Chair
09:30-09:45	Towards an automated mobility future: the Drive2theFuture user-centered
	approach
	- Evangelia Gaitanidou, CERTH/HIT
09:45-10:00	Towards ethical decision support in automated driving systems
	- Roi Naveiro, ICMAT
10:00-10:15	The acceptance of automated vehicles through understanding the passenger's
	state
	- José Solaz, Instituto de Biomecánica de Valencia
10:15-10:30	A unified network architecture to support advanced CCAM Use Cases
	- Vasilis Sourlas, ICCS
10:30-10:45	Physical and digital infrastructure for CCAM – state of the art
	- Risto Kulmala, Traficon
10:45-11:00	Forecasting and backcasting of Connected-Automated Vehicle impacts using
	multiple methodological inputs
	- Apostolos Ziakopoulos, NTUA
11:00-11:30	Coffee Break
11:30-11:45	Safety CCAM introduction - lesson learned from fields test
	- Małgorzata Pędzierska, Motor Transport Institute
11:45-12:00	Drivers and barriers to automated mobility: lessons learned from an Italian pilot
	experiment
	- Michal Rataj, Links Foundation
12:00-12:15	Driving without Driver in Public Transportation
	- Antonios Lalas, CERTH/ITI
12:15-12:30	City policy response for adopting innovation in mobility; automated modular
	buses/pods for cargo hitching (integrated passenger/freight operation) -
	SPROUT project
	- Dr. Ayfantopoulou Georgia, CERTH/HIT



Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

12:30-12:45	The EU-wide Knowledge base on CCAM: lessons learned from EU-funded and
	national projects
	- Stephane Dreher, ERTICO – ITS Europe
12:45-13:20	Round – table: «Paving the way forward»
	Moderator: Dr. Henriette Cornet, UITP
	Panel: Dr. Evangelos Bekiaris, CERTH/HIT
	Prof. George Yannis, NTUA
	Dr. Stephane Dreher, ERTICO – ITS Europe
	Dr. Dimitrios Konstantas, UNIGE
	Dr. Angelos Amditis, ICCS
	Nikolas Thomopoulos, University of Surrey
40.00.40.00	Prof. Costas Antoniou, Technical University of Munich
13:20-13:30	Conclusions
	iving Labs: enabling and accelerating innovation for on-demand city logistics.
14:00-15:30	
	, Mediterranean Hotel
_	acomo Lozzi / Senior Project Manager - Coordinator Urban Freight -POLIS,
	ozzi@polisnetwork.eu
Co-organizers:	Cláudia Ribeiro / Project Officer, POLIS
	Arianna Americo / Project and Forum Coordinator - Mobility, EUROCITIES
	Ana Lumbreras / European Projects Communication - ZABALA Innovation
14:00-14:05	Introduction by moderator
14:05-14:45	Presentations
14:45-15:15	Moderated round table
15:15-15:30	Q&A + Interaction with audience via interactive polls
	Enhancing transport innovation capacity of regions, Final Dissemination Event
(INNOTRANS)	
12:00-14:30	
	I, Mediterranean Hotel
Organizer: Elen	i Anoyrkati, MBA, PhD / Business Development and Operations Manager of CUE,
EAn	oyrkati@cusltd.co.uk
Co-organizers:	Irene Sigismondi / Abruzzo Region
	Michal Pospisil / City of Prague
	Luiza Tiganus / South-East Regional Development Agency of Romania
	Aristotelis Naniopoulos / Aristotle University of Thessaloniki
12:00-12:15	Opening & presentation of the INNOTRANS project
	- Dr. Eleni Anoyrkati, Coventry University
12:15-12:30	The Interreg Europe state of play
	- Etienne VERHELLE, Project Officer, Joint Secretariat of Interreg Europe, European
	Commission
1	Commission





Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

Future Mobility and Resilient Transport: Transition to innovation

12:30-12:45	Keynote speaker: Paving the way to an innovative transport sector based on key trends and megatrends
	- Prof. Vladislav Maras, University of Belgrade
12:45-13:00	Transport Innovation Frameworks in Europe
	- South-East Regional Development Region of Romania
13:00-13:30	Featured Good practices and Action Plans
	- Aristotle Universityof Thessaloniki
13:30-14:00	Lunch break
14:00-14:15	Policy Recommendations
	- Abruzzo Region /City of Prague
14:15-14:30	Questions, Answers, discussion, feedback
	- Moderated by CUE

Workshop IV – Marketing techniques supporting sustainable mobility participatory planning (e-smartec) 14:30-17:30

Room: Muses II, Mediterranean Hotel

Organizer: Dr. Maria Morfoulaki, Operational Scientist A', Hellenic Institute of Transport (HIT)/

Centre for Research and Technology Hellas (CERTH), marmor@certh.gr

Co-organizers: Dr. Glykeria Myrovali, Research Associate, Hellenic Institute of Transport (HIT)/

Centre for Research and Technology Hellas (CERTH)

	Maria Chatziathanasiou, Research Associate, Hellenic institute of Transport
	(HIT)/ Centre for Research and Technology Hellas (CERTH)
14:30-14:35	Welcome and introduction of the speakers
	- Dr. Maria Morfoulaki, HIT/CERTH
14:35 -14:45	Presentation of e-smartec project
	- Maria Chatziathanasiou, HIT/CERTH
	- Glykeria Myrovali, HIT/CERTH

14:45-15:00 Marketing techniques and methods for sustainable mobility planning Maria Sitzoglou, Design Clips PC (e-smartec external expert)

Good practices on marketing and engagement techniques and methods 15:00-15:30 (pitches from regions and cities) (Part A)

Dr. Konstantia Mpessa, Region of Central Macedonia

Giuliana Famiglietti Pipola, Coventry University

15:30-16:00 Coffee break 16:00-16:50 Good practices on marketing and engagement techniques and methods (pitches from regions and cities) (Part B)

Fabio Maria Nussio, Service Mobility Agency for the City of Rome

Eva Malichova, University of Zilina

Eugenia Kolb, Hessen Trade & Invest GmbH (HTAI), Centre of Competence Sustainable Urban Mobility (CC-SUM) State of Hessen

16:50-17:00 Announcement of the e-smartec special webinars and e-course

Alessia Giorgiutti & Laura Babío Somoza, (POLIS)





Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

Future Mobility and Resilient Transport: Transition to innovation

17:00-17:30	Interactive session: building effective engagement strategy to accompany
	SUMPs - Moderated by HIT/CERTH

Workshop V - Modelling Emerging Transport Solutions for Urban Mobility (MOMENTUM) 09:00-11:00

Room: Bridges, Mediterranean Hotel

Organizer: Dr. Josep Maria Salanova Grau, Hellenic Institute of Transport/ Centre for Research

and Technology Hellas (CERTH), jose@certh.gr

Co-organizers: Evripidis Magkos, Research Associate, Hellenic Institute of Transport/ Centre for

Research and Technology Hellas (CERTH)

Maria Konstantinidou, Research Associate, Hellenic Institute of Transport/ Centre

for Research and Technology Hellas (CERTH)

Zisis Maleas, Research Associate, Hellenic Institute of Transport/ Centre for

Research and Technology Hellas (CERTH)

	Research and Technology Hellas (CERTH)
09:00-09:20	Modelling of on-demand bus systems
	- Miquel Estrada (UPC – BarcelonaTech, Spain)
09:20-09:40	Analysing shared mobility use patterns from heterogeneous big data sources
	- Ignacio Martin (Nommon Solutions and Technologies S.L, Madrid, Spain)
09:40-10:00	Adoption and usage patterns of station-based electric car-sharing: a case study
	in Regensburg
	- Antonio Masegosa (DeustoTech, Faculty of Engineering, University of Deusto,
	Spain)
10:00-10:20	Factors influencing the car users to shift to bike-sharing: A case study on
	Alexandroupolis, Greece
	- Narayanan Santhanakrishnan (Technical University of Munich-TUM, Germany)
10:20-10:40	Development of software tools for the decision-making in planning of smart
	mobility services in urban environments
	- Zisis Maleas (CERTH-HIT, Thessaloniki Greece)
10:40-11:00	Modeling of Innovative mobility services in Thessaloniki
	- Athina Tympakianaki (Aimsun, Spain)

Workshop VI - HARMONY: Disruptive Technologies in Transport in 2021: From the pandemic to the new mobility era (HARMONY) 11:30-13:30

Room: Bridges, Mediterranean Hotel

Organizer: Professor Amalia Polydoropoulou / Department of Shipping, Trade and Transport,

Transportation and Decision-making lab, University of the Aegean, polydor@aegean.gr

Co-organizers: Professor Maria Kamargianni / MaaSLab, Bartlett School of Environment, Energy

and Resources, University College London, HARMONY co-ordinator

Dr. Ioanna Pagoni / University of the Aegean team Dr. Ioannis Tsouros / University of the Aegean team Ioannis Karakikes / University of the Aegean team Christina Georgouli / University College London team Dimitrios Pappelis / University College London team

Dr. Athena Tsirimpa / Moby X





Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

_	
11:30-11:40	Introduction to the HARMONY project
11:40-11:55	The HARMONY demonstrations: automated vehicles for passengers and
	freight, and drones
11:55-12:10	The HARMONY Model Suite: An integrated spatial and transport planning tool
12:10-12:20	Strategic Simulator: Land-use developments, long-term household and
	individual choices and the effect on transport networks
12:20-12:35	Tactical Passenger Simulator: Capturing the effect of novel technologies and
	services into daily activity and travel behaviour
12:35-12:50	Tactical Freight Simulator: Developing an agent-based model to capture the
12.55-12.50	effect of new transport modes and policies into the freight transport sector
	ejject of helf transport modes and policies into the freight transport sector
12:50-13:00	Operational Simulator: Designing and developing the supply side and the
	networks to simulate and integrate demand and supply
13:00-13:10	Advanced data collection techniques within HARMONY
13:10-13:20	KPIs and policy recommendations for regional spatial and transport planning
	and new mobility technologies
13:20-13:30	Iterative session on HARMONY MS
13.20 13.30	Net daily de design on the minor of the
Workshop VII -	Innovations in Sustainable Urban Mobility Plans for low-carbon urban transport
(INNOVASUMP	
14:30-16:30	
	Mediterranean Hotel
	. Panos Papaioannou, Aristotle University of Thessaloniki, papa@civil.auth.gr
14:30-14:50	Overall project results and achievements in the eight partner cities
	- InnovaSUMP Technical Coordinator
14:50-15:10	Policy implications and results in Nicosia, Cyprus
	- InnovaSUMP Lead partner Nicosia Municipality
15:10-15:30	Urban sustainable mobility planning for Exeter, UK.
	- Experience by Devon County Council Director of Transportation
15:30-16:00	Coffee break
16:00-16:15	Methodological Advances for SUMP 2.0 Guidelines – the InnovaSUMP overlay
	- Advisory partner Aristotle University of Thessaloniki
16:15-16:30	The European Platform on Sustainable Urban Mobility Plans
	- Eltis
	-1





Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

	Sustainable Mobility for citizens and tourists. (DIAGORAS OP South Aegean,
	n Aegean, SUSTOURISMO Interreg Adrion)
<i>09</i> :30-12:00	f Courth Across Dicilitatinia Courses Dhodas
_	f South Aegean, Dioikitirio Square, Rhodes
_	eorgia Ayfantopoulou, Hellenic Institute of Transport/ Centre for Research and
	nology Hellas (CERTH) f this workshop is Greek
09:30-09:35	Introduction to the workshop
09:35-09:45	Intervention from the Governor of Region of the South Aegean
09.33-09.43	Initiatives in electromobility, smart mobility and tourism in the South Aegean region
	- Hatzimarkos George, Governor of the Region of South Aegean
09:45-10:15	Welcome addresses
05.45-10.15	- Gioutikas Konstantinos, Vice Governor of Development and Environment of Region
	of Central Macedonia
	- Giannikouris Antonis, President of Technical Chamber of Greece – Dodecanese Dpt
	- Bekiaris Evangelos, Director of Hellenic Institute of Transport
10:15-11:15	Business and innovation actions for integrated mobility of citizens and tourists:
10.15-11.15	Shared electromobility applications
	Mobility in the Region of Central Macedonia: Innovation Priorities and Impact
	- Gioutikas Konstantinos, Region of Central Macedonia,
	- Trasanidis Orestis
	Sustainable mobility initiatives in Thessaloniki agglomeration
	- Mpessa Nadia, Region of Central Macedonia
	Electric vehicles fleets' development and management (DIAGORAS)
	- Xenakis Nikos, Xenakis Autos
	Shared micromobility at the service of tourists
	- Voulgaroudis George, Brainbox SA
	New and Flexible Forms of Electromobility in the South Aegean, (NEMO)
	- Giannakari Olga Maria, CERTH/HIT
	Monitoring the environmental impact of transport for the promotion of
	electromobility in Islands, (ILEKTRON)
	- Margaritis Dimitris, CERTH/HIT
11:15-12:00	How tourism development relates to sustainable mobility
	Creating a strategic plan for the development of the sustainable tourism – The
	Example of the greater metropolitan area of Thessaloniki
	- Patoulidou Paraskevi, Ass. Prof. Avdimiotis Spyros, IHU — TOURLAB
	Development of crowdsourcing applications for promoting sustainable tourism
	- Dr. Morfoulaki Maria, CERTH/HIT
	- Dr. Myrovali Glykeria, CERTH/HIT
	- Dr. Kotoula Kornilia-Maria, CERTH/HIT
	How participatory sport tourism can upgrade the active mobility of citizens
	- Prof. Alexandris Kostas, Sport, Tourism and Recreation Management Lab
	Needs and requirements for tourists' sustainable mobility in Rhodes
	- Hatzilazarou Andriana, Vice president of Rhodes Hoteliers Association,





Κινητικότητα του Μέλλοντος και Ανθεκτικές Μεταφορές: Ο δρόμος προς την Καινοτομία



10th INTERNATIONAL CONGRESS on TRANSPORTATION RESEARCH

	- Dr. Ayfantopoulou Georgia, CERTH/HIT
	EFTHITA-Vision Zero
	- Karidi Eleni, EFTHITA
12:00	Demo application of a shared electric mobility system

18:30 – 19:30	Welcome cocktail reception
	Open space of Mediterranean Hotel, Kos str.35-37



