

## DETAILED PROGRAMME

**Monday 27 September 2010**

<b>All day</b>		<b>Registration</b>
<b>9:00</b>	<b>10:30</b>	<b>Session A: Transport Policy I</b> <b>Chair:</b> Prof. A. Skabardonis, Prof. A. Stathopoulos
<ul style="list-style-type: none"> <li>○ Th. Tsekeris, «<i>Disaggregate analysis of gasoline consumption demand in Greece</i>»</li> <li>○ I. Pagoni, V. Psaraki, «<i>Assessment of aircrafts emissions in the Greek airspace</i>»</li> <li>○ Aik. Rentziou, K. Gkritza, «<i>Predicting passenger trips for future energy and transportation infrastructure investment planning</i>»</li> <li>○ D. Milakis, Ev. Vafeiadis, P. Moukoulis, I. Sayas, G. Nathenas, Th. Vlastos, «<i>Investigation of the feasibility to apply the transit oriented development model in the Greek city. The case of Ag. Stefanos-Athens</i>»</li> <li>○ P. Kouri-Toyas, «<i>The importance of sales people satisfaction to the generation of sales in the new railway competitive environment: Case study Greece</i>»</li> </ul>		
<b>10:30</b>	<b>12:00</b>	<b>Session B: Transport Policy II</b> <b>Chair:</b> Prof. G. Mintsis, Assistant Prof. E. Nathanail
<ul style="list-style-type: none"> <li>○ A. Ballis, I. Lagou, «<i>Past, present and potential of the European transport information system</i>»</li> <li>○ E. Vougioukas, A. Deloukas, P. Papaioannou, N. Bogiazides, P. Karkavitsas, «<i>Quality transit systems in small and medium size cities: Green development, urban regeneration, funding and implementation advances</i>»</li> <li>○ K. Portokalidis, K. Lalenis, «<i>Alternative means of transport for achieving the sustainability issues for small and intermediate Greek cities. The case study of Alexandroupolis</i>»</li> <li>○ V. Profillidis, G. Botzoris, «<i>Internalization of external costs and the impact on the demand of the various transport modes</i>»</li> <li>○ A. Tsoukala, «<i>Towards a 'sustainable urban transport plan' model for the Greek cities</i>»</li> </ul>		
<b>12:00</b>	<b>12:30</b>	<i>Coffee break</i>
<b>12:30</b>	<b>14:30</b>	<b>Opening ceremony – Keynote speakers</b>
<p><b>Chair:</b> Prof. G.A. Giannopoulos, HIT/CERTH Director – Mr. B. Halkias, President of HITE Prof. S. Vougias, Vice Minister of Infrastructure, Transport and Networks will open the Conference. Welcome salutation by representative of the Ministry for the Environment, Energy &amp; Climate Change</p> <p>Welcome salutations by:</p> <ul style="list-style-type: none"> <li>➤ Ms. K. Gerakoudi, Secretary General, Municipality of Thessaly</li> <li>➤ Mr. A. Papatolias, Prefect of Magnesia</li> <li>➤ Mr. A. Voulgaris, Mayor of Volos</li> </ul>		
<b>Keynote Speeches :</b>		
	The European Green Cars Initiative	A. Siegler (Director, DG RTD) / Arnoldas Milukas (section chief DG RTD)
	Transport and Environmental research in Europe	Prof. D. Banister, Director of the Transport Studies Unit and of the Environmental Change Institute, School of Geography and the Environment, Oxford University, UK
	Transport Research in Greece: An account of the 2-year period 2008-2009	Prof. G.A. Giannopoulos, HIT/CERTH Director
<b>14:30</b>	<b>15:30</b>	<i>Lunch</i>

## DETAILED PROGRAMME

<b>15:30</b>	<b>17:00</b>	<b>Session C: Management &amp; Organisation of Transport Systems I</b> <b>Chair:</b> Dr. G. Aifadopoulou, Prof. M. Giaoutzi
		<ul style="list-style-type: none"> <li>○ M. Morfoulaki, E. Mitsakis, «<i>The contribution of th urban mobility management in the trip planning and the environmental upgrade</i>»</li> <li>○ D. J. Dimitriou, A. J. Voskaki, M. F. Sartzetaki, «<i>Airports environmental management. Results form the evaluation of the environmental plans in European airports</i>»</li> <li>○ S. Kalakou, V. Psaraki, «<i>Assessment of efficiency of Greek airports using data envelopment analysis</i>»</li> <li>○ Y. Tyrinopoulos, C. Antoniou, «<i>Analysis of factors affecting public transit user satisfaction</i>»</li> <li>○ L. Dimitriou, A. Stathopoulos, A. Kaltsounis, «<i>Optimal joint decisions for managing transportation-related carbon footprint within the urban context</i>»</li> </ul>
		<b>Poster Session 1</b>
		<ul style="list-style-type: none"> <li>▪ G. Charalampous, E. Gagatsi, «<i>An e-Logistics platform to support transport policy towards co-modality in Europe. An action plan to alleviate the barriers and foster the opportunities</i>»</li> <li>▪ A. Deloukas, P. Papaioannou, «<i>Summer housing and seasonal travel activities in Attica: A panel-based comparative approach</i>»</li> <li>▪ M. Pitsiava, Gr. Kafkalas, «<i>Assessment of the spatial impacts of transport infrastructure in relation to European policy objectives</i>»</li> <li>▪ A. Tsirimpa, A. Polydoropoulou, «<i>The impact of traffic information acquisition on the traffic conditions of the Athens greater area</i>»</li> <li>▪ G. Sarlas, C. Antoniou, «<i>Simulation-based impact assessment of a hypothetical congestion charging scheme in the downtown Athens Road network</i>»</li> <li>▪ Ch. Pyrgidis, «<i>Estimation process of future rolling stock needs for a railway network</i>»</li> </ul>
<b>17:00</b>	<b>17:30</b>	<i>Coffee break</i>
<b>17:30</b>	<b>19:00</b>	<b>Session D: Management &amp; Organisation of Transport Systems II</b> <b>Chair:</b> Associate Prof. A. Ballis, Prof. G. Stefanidis
		<ul style="list-style-type: none"> <li>○ Y. Patrikalakis, Y. Salouras, «<i>Scheduling buses inn public transport using the minimum cost network flow model</i>»</li> <li>○ E. Papadimitriou, G. Yannis, J. Golias, «<i>Analysis of pedestrian crossing behaviour in urban areas</i>»</li> <li>○ Y. Tyrinopoulos, V. Mitsakis, A. Kortsari, «<i>Solutions for handling seasonal variations of transport demand – An introduction to the DELTA decision support tool</i>»</li> <li>○ D. Papagora, «<i>Redefinition of interconnection and role of terminal stations in the metropolitan region of Thessaloniki</i>»</li> <li>○ A. Skabardonis, N. Gerolimimis, E. Christofa, «<i>Improved analysis framework for emissions estimation under oversaturated conditions along signalized arterials</i>»</li> </ul>
		<b>Poster Session 2</b>
		<ul style="list-style-type: none"> <li>▪ I. Tzevelekis, G. Mintsis, Ch. Taxiltaris, S. Basbas, «<i>Traffic management in case of emergency due to natural or technological hazards: The case of an earthquake for the city of Thessaloniki</i>»</li> <li>▪ M.M. Golias, M. Boile, S. Theofanis, G.K.D. Saharidis, «<i>The yard to berth operations resource allocation problem at marine container terminals</i>»</li> <li>▪ A. Toulou, E. Portouli, D. Margaritis, E. Bekiaris, «<i>Alcohol-impaired driving in vehicle simulated environment</i>»</li> <li>▪ D. Nalmpantis, «<i>The contribution of new driving training technologies in the environmental protection and road safety</i>»</li> <li>▪ N. Gerolimimis, J. Sun, «<i>The effect of congestion inhomogeneity in the macroscopic fundamental diagram of urban traffic</i>»</li> </ul>
<b>20:30</b>	<b>Official Conference Dinner – Honor Ceremony for Prof. I. Frantzeskakis</b> The event will last 45 minutes and will start at approximately 21.30. <ul style="list-style-type: none"> <li>➤ Address by Prof. G. Giannopoulos</li> <li>➤ Salutations by:             <ul style="list-style-type: none"> <li>○ B. Halkias, President of HITE</li> <li>○ Prof. A. Stathopoulos, Professor, NTUA</li> <li>○ Y. Handanos, former President of HITE and student of guest of honor</li> </ul> </li> <li>➤ Guest of honor speech (Mr. I. Frantzeskakis, Emeritus Professor, NTUA)</li> </ul>	

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**Tuesday 28 September 2010**

<b>08:30</b>	<b>10:00</b>	<p><b>Session E: Transport Safety</b>  <b>Chair:</b> Prof. N. Eliou, Prof. K. Panou</p> <ul style="list-style-type: none"> <li>○ Z. Christoforou, M. G. Karlaftis, «<i>Highway accident risk estimation using real-time traffic data: A case study in collision type propensity on a French urban motorway</i>»</li> <li>○ A. Galanis, N. Eliou, A. Papanikolaou, «<i>Bikeability audit in urban road environment. Case study in the city of Volos, Greece</i>»</li> <li>○ E. Misokefalou, N. Eliou, A. Galanis, «<i>Methodologies of distraction of motorcyclists' and bicyclists' attention in urban areas. Case study in the city of Volos, Greece</i>»</li> <li>○ G. Yannis, N. Dessypris, P. Evgenikos, A. Chaziris, I. Skalkidis, E. Petridou, «<i>Estimation of the under-reporting of road accident casualties in Greece</i>»</li> <li>○ P. Kopelias, A. Skabardonis, F. Papadimitriou, P. Hrisikakis, «<i>Improving traffic flow and environment through freeway service patrol. An evaluation study</i>»</li> </ul>
<b>10:00</b>	<b>11:30</b>	<p><b>Session F: Exploitation – Monitoring – Control I</b>  <b>Chair:</b> Prof. I. Golias, Prof. I. Mourmouris</p> <ul style="list-style-type: none"> <li>○ J. Kokkinos, Y. Tyrinopoulos, «<i>Critical assessment of systems and technologies for supporting urban mobility - Investigation of their degree of exploitation in Greece</i>»</li> <li>○ A. Kouvelas, K. Aboudolas, M. Papageorgiou, E. B. Kosmatopoulos, «<i>A hybrid strategy for real-time traffic signal control and ITS implementation at the urban road network of Chania, Greece</i>»</li> <li>○ A. Samara, P. Papaioannou, «<i>The value of time on long distance rail trips in Greece</i>»</li> <li>○ G. Palantzas, A. Naniopoulos, Ch. Koutitas, «<i>Management of the environmental aspects of port activities. The Hellenic case and perspectives</i>»</li> <li>○ Ch. Vizmpa, S. Basbas, I. Politis, P. Papaioannou, «<i>User acceptance of a traveler information system in the eastern ring road of the city of Thessaloniki – Research on user intentions</i>»</li> </ul>
<b>Poster Session 3</b>		
<ul style="list-style-type: none"> <li>▪ K. Vogiatzis, Th. Valkouma, «<i>Monitoring and mapping of road traffic noise in "Egnatia Odos" motorway</i>»</li> <li>▪ I. Papamichail, M. Papageorgiou, «<i>HERO – A coordinated ramp metering strategy and ITS implementation at the Monash Freeway, Australia</i>»</li> <li>▪ R. C. Carlson, I. Papamichail, M. Papageorgiou, A. Messmer, «<i>Variable speed limits as a mainline metering device for freeways</i>»</li> <li>▪ A. Spiliopoulou, M. Papageorgiou, A. Kouvelas, K. Aboudolas, «<i>Application of the urban traffic control strategy TUC at the Kifisias – Attiki Odos roundabout</i>»</li> <li>▪ P. Christopoulou, P. Karkavitsas, An. Tsakalidis, «<i>Review of methodology approach for the estimation of multimodal level of service: two case studies in the city of Thessaloniki – Greece</i>»</li> <li>▪ P. Tsalis, Ar. Naniopoulos, «<i>Accessibility evaluation of open spaces and routes: The center of Thessaloniki</i>»</li> </ul>		
<b>11:30</b>	<b>12:00</b>	<i>Coffee break</i>

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<b>12:00</b>	<b>13:30</b>	<b>Session G: Planning of Transport Systems I</b> <b>Chair:</b> Associate Prof. S. Kapros, Dr. M. Boile
		<ul style="list-style-type: none"> <li>○ L.K. Mitropoulos, P.D. Prevedouros, E.G. Nathanail, «<i>A multidimensional prism for the evaluation of urban transportation systems</i>»</li> <li>○ K. Kepaptsoglou, M. G. Karlaftis, «<i>Metro service substitution following a disruption: The bus bridging problem</i>»</li> <li>○ Th. Tsekeris, Θ. Τσέκερης, «<i>Greek airports: Efficiency measurement and analysis of determinants</i>»</li> <li>○ I. Argiropoulos, P. Panteliadis, A. Koutsobinas, M. Katsiboura, «<i>Athens tramway expansions towards Voula and Piraeus – Lessons learned from the basic network</i>»</li> <li>○ Ch. Pyrgidis, Tr. Bousmalis, «<i>A design procedure of the optimal wheel profile for railway vehicles running at conventional speeds</i>»</li> </ul>
		<b>Poster Session 4</b>
		<ul style="list-style-type: none"> <li>▪ M. Pitsiava – Latinopoulou, P. Christopoulou, El. Sdoukopoulos, «<i>Methodologies for the estimation of pedestrian level of service: International experience and adjustment to Greek conditions</i>»</li> <li>▪ D. Nalmpantis, Ar. Naniopoulos, «<i>Can people with cognitive functional impairments use public transport? The case of Greece</i>»</li> <li>▪ G. Katsoulis, E. Mitsakis, I. Politis, K. Evangelidis, «<i>Requirements of road networks' setup and data input for the use of a dynamic traffic assignment model. The case of Thessaloniki</i>»</li> <li>▪ G. Aifadopoulou, F. Hatzioannidou, «<i>Multimodal transport system simulation for containerized freight flows</i>»</li> <li>▪ M. A. Gogas, E. Nathanail, «<i>Multi-optimization techniques for the design of freight terminals network</i>»</li> <li>▪ A. Kondyli, L. Elefteriadou, «<i>Driver behavior at freeway-ramp merging areas</i>»</li> </ul>
13:30	14:30	<i>Lunch</i>
<b>14:30</b>	<b>15:00</b>	<b>Gold and silver sponsors' presentations:</b> <ul style="list-style-type: none"> <li>• Attiki Odos / Attikes Diadromes</li> <li>• Aegean Motorway</li> <li>• Heracles General Cement CO</li> </ul>
<b>15:00</b>	<b>15:10</b>	<b><i>Special reference to ITS - Hellas</i></b>
<b>15:10</b>	<b>16:40</b>	<b>Session H: Planning of Transport Systems II</b> <b>Chair:</b> Associate Prof. M. Karlaftis, Prof. M. Papageorgiou
		<ul style="list-style-type: none"> <li>○ N. Eliou, Ev. Iliadou, N. Katsianis, «<i>Environmental assessment of road infrastructure</i>»</li> <li>○ A. Pekopoulos, Ar. Naniopoulos, E. Loukogeorgaki, «<i>Investigation of the feasibility of a transport system using sea taxis in Chalkis city</i>»</li> <li>○ E. Genitsaris, Ar. Naniopoulos, G. Spanos, «<i>Sustainable mobility and flexible transport systems. Investigation of their implementation at Langadas county of Thessaloniki</i>»</li> <li>○ G.K.D. Saharidis, S. Theofanis, M. Boile, «<i>An alternative formulation for the scheduling of inbound doors in cross docking facilities</i>»</li> <li>○ E. Nathanail, F. Hatzioannidou, «<i>Microscopic simulation for the assessment of the sustainability of the transportation measures</i>»</li> </ul>
16:40	17:00	<i>Coffee break</i>

## DETAILED PROGRAMME

<b>17:00</b>	<b>18:30</b>	<b>Session I: Exploitation – Monitoring – Control II</b> <b>Chair:</b> Assistant Prof. K. Vogiatzis, Prof. V. Stefanis
<ul style="list-style-type: none"><li>○ B. Halkias, H. Tyrogianni, D. Mandalozis, A. Politou, « <i>Level of service in concession motorway projects</i>»</li><li>○ G. Yannis, C. Antoniou, E. Sigalas, «<i>Applications of new technologies in road safety and the attitude of drivers toward them</i>»</li><li>○ M. Morfoulaki, E. Chrysochoou, J.M. Salanova Grau, «<i>Development of a forecasting methodology for road network traffic data analysis using time series</i>»</li><li>○ K. Vogiatzis, V. Halkias, D. Mandalozis, «<i>The new integrated monitoring system of environmental road noise and air pollution of Attiki Odos motorway according to the EU directives 2008/50/EU &amp; 2002/49/EU</i>»</li><li>○ D.G.Ch. Perperidou, «<i>Systematic activities &amp; transport record and analysis as tool for evaluation and monitoring transport networks</i>»</li></ul>		