terminal and future prospects"
G. Vaggelas
"Patras Port"
K. Platykostas

17.15-17.45

14 Roundtable discussion

K. Platykostas (OLPA); G. Vaggelas (OLTH); G. Giovri (DAPWG&I);
L. Varouksis, D. Apostolopoulos (Katakolon Port Authority);
G. Gouvitsas (Araxos Airport); A. Manolopoulos (KTEL Achaias);
G. Aggelopoulos (PDE)

Friday 21 November 2014

8:30-8.45　　　　　　　Registration

8.45-9.30

15 Smart Cities 1

"Development of green transport policy analysis platform in island areas context"
I. Tsouros
"Large Scale Demonstrator in Athens"
A. Karvounidis
"Smart Cities, Transportation and Meteorology - a brief overview of potential applications"
A. Argiriou, A. Kazantzidis, I. Kioutsioukis

9.30-10.00

16 Plenary Speech

"The need of Intelligent Decision Support Systems (IDSS) in developing intelligent cities of the future"
P. Groumpos

10.00-11.15

17 Cooperative ITS: Traffic Management and Safety

"Microscopic Analysis of vehicle behavior in a cluster under the influence of shockwaves in motorways"
M. Peppe and Y. Stephanedes
"Applications V2V/V2I for the enhancement of road safety and for the improvement of traffic conditions (EXECHON: RD Project)"
D. Mandalozis, N. Kalfa, P. Kopelias, E. Leligkou, I.Papaefstathiou
"Trip prediction system for integrated motorway management: San Diego, USA"
D. Triantafyllos, A. Torday, JM Aymami, J. Kasas
"Real-time estimation of shockwaves"
C. Gioldasis
"Cooperative Services for safe and sustainable mobility: The case of Thessaloniki"
Mitsakis

11.15-11.30　　　　　　Coffee Break

11.30-13.15

18 Smart Cities 2

"Energy Efficiency in public buildings"
D. Stimoniaris, D. Tsiamitros, V. Zacharaki, F. Dialynas, T. Kottas, S. Maropoulos, M. Stefanovski, Z. Stepanovski, I. Milosovska, K. Mikalevski, V. Karagiannis, T. Papotis, E. Dialynas
"An intelligent software tool for energy efficiency of buildings"
V. Mpelogianni, P. Groumpos

"Supervised learning methods for hybrid renewable energy systems in smart green cities using fuzzy cognitive maps"
G.Vaskantiras, P. Groumpos
"Smart Cities and Smart Procurement"
K. Marousi, H. Sipetas
GRASP "Green Procurement and smart city support in the energy sector"
Y. Stephanedes and B. Coccetta
REMIDA and related projects
T. Patsoules

13.15-14.30

19 Green Transportation and Smart Cities

and

"GREENYOURROUTE: A web based platform which helps individuals and companies move commodities with a most environmental friendly way, minimising emissions transportation cost"
G. Saharidis

"Methodology for optimizing train driving energy consumption using driving patterns and simulated annealing heuristics"
A. Dalkalitsis, A. Lois, N. Athanasopoulos, A. Ziliaskopoulos

"EV wireless charging demands analysis for various traffic patterns and environments"
T. Theodoropoulos, Y. Damousis, A. Amditis, J. Sallan, H. Bludszuweit

"Deconstructing the complexity of smart urban processes based on their degree of 'emergency': Two case studies from the fields of health and urbanism"
A. Vlachou, A. Stephanede, D. Papalexopoulos, K. Serraos, A. Dinopoulos

"Dynamic Carpooling: Introducing an innovative way of transport in the modern Greek reality"
M. Xyga

14.30-15.30　　　　　　Lunch

15.30-16.15

20 Intelligent Ports & Green Networks

"Short-term traffic prediction model for port cities"
JM Salanova Grau, E.Mitsakis, G. Aifadopoulou, P. Tzenos, I. Tamiakis, E. Haniotakis, I. Stamos

"Smart Airports: A Modern Approach to Transportation Challenges"
K. Vlassopoulou and L. Marantou

"Simulation of vehicle traffic in the new port of Patras"
M.I. Sotiropoulou, V. Manioti, I. Kottis

"Standards for telematics devices"
R. Sfakianaki

16.15-16.45

Roundtable Discussion Smart Cities
Groumpos, Argiriou, Coccetta, Sfakianaki

16.45-17.15

21 Awards

ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ
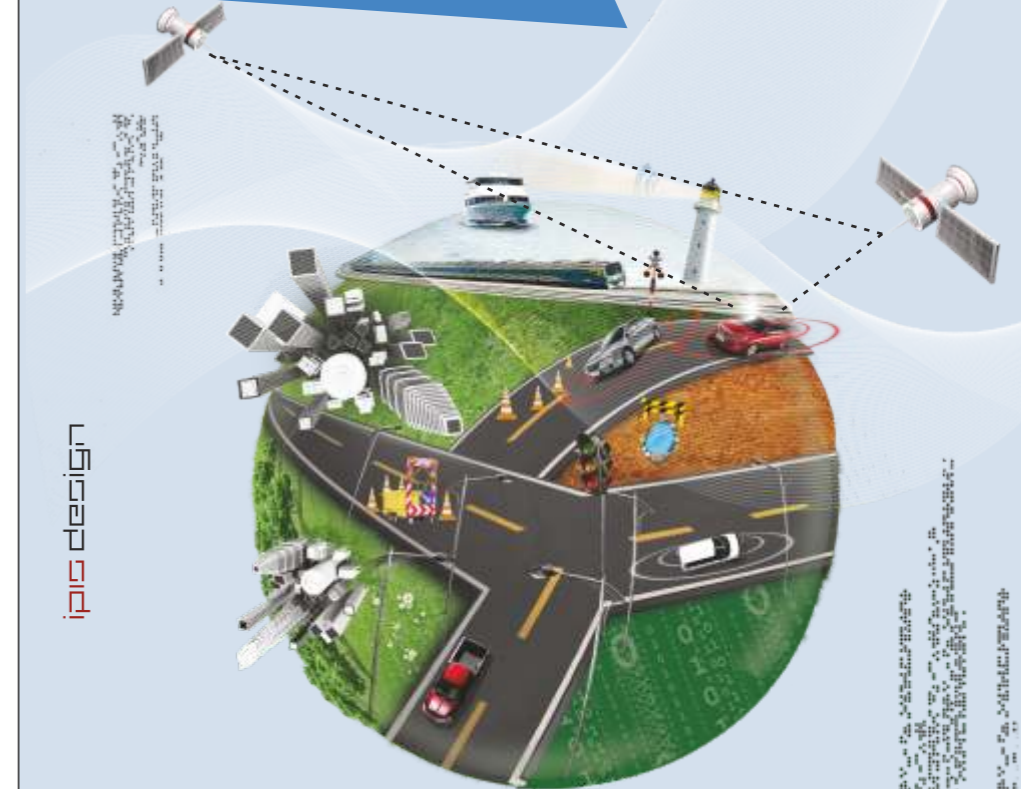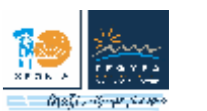
| 8.00-8.45 | Registration & Coffee |

| 8.45-9.45 | **Conference Welcome** |

Conference Representatives
Prof. A. Chassiakos, University of Patras
University of Patras Representatives
O. Koufopavlou, Dean, Professor of Dept. of Electrical & Computer Engineering, University of Patras
Department of Civil Engineering Representative
Prof. A. Demetracopoulos, Chair of Dept. of Civil Engineering, University of Patras
ITS HELLAS Representative
SES Representative
National and Local Authorities
K. Peletidis, Mayor of Patras
G. Alexopoulos, Deputy Head of Region of Western Greece
G. Didaskalou, General Secretary of Decentralised Administrator of Peloponnese, West Greece & Ionion
Conference Chair
Y. Stephanedes, Professor, University of Patras
Conference Opening (Salutation):
Hellenic Ministry of Infrastructure, Transport and Networks
Deputy Minister M. Papadopoulos

| 9.45- 10.45 | |

1 — ITS European & National Policy

"Implementing the EU ITS architecture at national level"
A. Froetscher
"National ITS Strategy and Architecture"
I.Matsas and R.Sfakianaki

| 10.45-11.45 | |

2 — Intelligent Transport &Management

Operation

"A future beyond traffic gridlock"
M. Welz
"Smarter Transportation Management: Building Traffic Solutions that enhance performance and improve citizen experience"
J. Pournaras

| 11.45-13.15 | |

3 — ITS EU Applications

"Planning towards the development of Cross-border Trans-European Corridors - PRODROMOS"
A. Savva
"Development of a platform for monitoring hazardous cargo to and from ports"
A. Gagatsis, S. Kranioti, S. Christodoulou
"Development of a Port Community System"
C. Christodoulos
"Pilot projects in Crete as part of project Prodromos"
Heraklion Port and ITE
"TRAINOSE S.A. at the Forefront of European Programs for Applied Research & Innovation"
I. Chatzilabrou, E. Katsaros

| 13.15-14.15 | Lunch |

| 14.15-15.15 | |

4 — Open data and ITS deployment (SES)

"Thessaloniki Smart City: Overview of the city's intelligent mobility systems"

K. Chrysostomou, P. Iordanopoulos, G. Ayfantopoulou, E. Mitsakis, M. Morfoulaki
"Evaluation of Intelligent Transport Systems: The methological framework of SEE-ITS project"
S. Mamarikas, P. Iordanopoulos, E. Mitsakis, J. Salanova Grau, K. Chrysostomou
"Monitoring indoor driver behavior using opportunistic smartphone sensor data"
C. Antoniou, V. Papathanasopoulou, V. Gikas, T. Mpimis, I. Markou, H. Perakis
"A critical overview of ICT deployment in transport in Europe"
M. Chatziathanasiou, A. Kortsari, Y. Tyrinopoulos

| 15.15-16.45 | |

5 — Safety & Information

transport"

"ITS Systems: Architecture and key features"
Olympia Odos
"Real-time information and guidance based on road traffic and environmental criteria"
N. Gavanas, A. Tsakalidis, E. Verani, A. Sdoukopoulos, C. Kouridis, T. Papageorgiou, E. Blatsis, G. Melios, M. Pitsiava-Latinopoulou
"Development of an integrated system for safe student

K. Kotoula, M. Morfoulaki, V. Mizaras, D. Kotsopoulos
"Intelligent Urban Transportation System in the city of Patras"
I. Damianos (Link Tecnologies SA)
"Users assessment and acceptance of ATIS:The case of Thessaloniki SEE-ITS Systems"
G. Grigoropoulos

| 16.45-17.00 | Coffee Break |

| 17.00.-17.30 | |

6 — Roundtable Discussion
Welz, Pournaras, Froetscher, Michalopoulos

| 8.30-8.45 | Registration |

| 8.45-10.00 | |

7 — ITS Policy and Applications

"Future ITS Trends"
A.Froetscher
"Regional ITS plan of Central Macedonia"
I. Tsakiridou, K. Konstantinou, E. Mitsakis, P. Iordanopoulos
"Application of collaborative and elastic transport solutions in Greece"
K. Pagle, A. Amditis, G. Sarros, A. Giannopoulos, A. Ballis, G. Lyberopoulos
"eCALL Pilot Application in Greece"
A. Amditis, K. Pagle, E. Portouli, P. Lytrivis
"Disentangling European Technology Heterogeneity. European Transportation Perfomance vs European Manufacturing Performance under a Meta-meta-frontier framework. Which side are you on?"
K. Tsekouras, N. Chatzistamoulou, K. Kounetas

| 10.00-10.45 | |

8 — Intelligent Motorways

"ITS in modern motorway operation"
B. Halkias
"Capabilities and prospects of electronic toll collection in Greece"
E. Tirogianni, D. Mandalozis, N. Kalfa, A. Politou
"Daring Urban Mobility-Upgrading Systems through Standardisation"
I. Matsas

| 10.45-11.15 | |

9 — GIFT 2.0 Distinguished Lecture

"Wide Area Detection for Advanced Traffic Management and related trends in Smart Cities"
Panos Michalopoulos

| 11.15-11.30 | Coffee Break |

| 11.30-12.00 | |

10 — GIFT 2.0 Invited Lecture

"Tourism: Using existing customers to attain more tourists"
Victor Namnum

| 12.00-13.30 | |

11 — Intelligent Infrastructure

"Greek Interoperable Systems - Lessons learned by the implementation & first year of operation of ETC interoperability in five Concessions in Greece"
K. Papandreou, J. Harito, I. Nassoulis, B. Galtier, I.Dimitropoulos, K. Antiochos, T. Siozopoulos
"Intelligent Road Infrastructure Management"
N. Moschonas, P. Iliakopoulos, A. Chassiakos
"Bridge management at seismic risk"
P. Tsikas, I. Diamantakou, A. Boudouri, A. Chassiakos
"Evaluation of driving behavior for Attiki Odos patrols with in-Vehicle Driver Assistant Systems"
F. Papadimitriou, G. Kiousis, P. Kopelias, M. Maltezakis
"Detection of violations in special traffic lanes"
E.Tzelepis
"ITS Solutions optimizing adaptation of transport networks to climate change"
R. Sfakianaki

| 13.30-14.30 | Lunch |

| 14.30-16.20 | |

12 — Intelligent Logistics

"Smart Logistics: Turning real-time data into personalised customer experience"
V. Namnum
"Heraklion Port: IT and tourist experience enhancement"
E.Petrakis
"Technological Innovation in Supply Chains"
K. Haniotis
"Measurement fleet performance according to KPIs"
I. Simkova
"Optimization of the transportation of goods from Adriatic Sea to Black Sea"
F. Varouchou, D. Hondroyanni
"Architectural Modules of a Dynamic Collection Management System of Urban Solid Waste"
G. Asimakopoulos, S. Christodoulou, A. Gizas, V. Triantafyllou, J. Gialelis, A. Voyiatzis
"A rule based Intelligent System for assisting bus fleet scheduling"
D. Chalvatzaras, S. Daskalaki

| 16.20-16.35 | Coffee Break |

| 16.35-17.15 | |

13 — Intelligent Ports: GUIDEPORT

"Intelligent Ports"
Y. Stephanedes
"Thessaloniki Port: Current ICT status in the container