

CURRICULUM VITAE



Panagiotis Papantoniou

PhD, Civil - Transportation Engineer
Assistant Professor University of West Attica

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Assistant Professor at University of West Attica

Table of contents

ANALYSIS OF ACTIVITIES	2
1. GENERAL INFORMATION	2
2. STUDIES	2
3. ACADEMIC ACTIVITIES	3
3.1 Teaching	3
3.2 Supervisor of Diploma Theses	3
4. RESEARCH ACTIVITIES	4
5. PROFESSIONAL ACTIVITIES	6
5.1 Freelancer Transportation Engineer – Cofounder Scientra	6
5.2 Transportation Engineer in OSeven Telematics Company	7
5.3 Freelancer Civil Engineer, 2010 - today	7
6. SCIENTIFIC ACTIVITIES	7
6.1 Distinctions	8
6.2 Reviewer of Papers to be published in Scientific Journals and Conferences	9
6.3 Member of Conferences Organising Committees	9
6.4 Member of Scientific Organisations and Committees in Greece	10
6.5 Seminars	11
7. SCIENTIFIC PUBLICATIONS	11
7.1 Publications in Scientific Journals with Referees	11
7.2 Publications in Conferences and Seminars Proceedings	14
7.3 Book chapters	22
8. CONFERENCES AND SEMINARS	23
8.1 Invited speaker	23
8.2 Presentations in Conferences and Seminars with publication of abstract in the Proceedings	24
8.3 Presentations in Conferences and Seminars	26
9. OTHER ACTIVITIES	30

ANALYSIS OF ACTIVITIES

1. GENERAL INFORMATION

Name	: Panagiotis Papantoniou
Year & place of birth	: 1984, Kalamata
Nationality	: Greek
Residence	: Athens, Greece
Profession	: Dr. Civil Engineer - Transportation Engineer
Office address	: UniWA - Agiou Spyridonos St., 12243 Aigaleo, Athens, Greece, phone: +30.6972014255
E-mail address	: ppapant@uniwa.gr
Languages	: Greek (mother tongue), English (excellent), German (fair)

2. STUDIES

- **Post-Doc** at the Department of Transportation Planning and Engineering of NTUA titled "Investigation of the effect of driver distraction using big data through smartphones", State Scholarships Foundation (IKY) Fellow, 2019 - 2021)
- **Post-Doc** at the Technical University of Munich titled "Human Like Autonomous Vehicles" within the framework of the Eurotech PostDoctoral Programme, (2018 - 2020)
- **Post-Doc** at the Department of Transportation Planning and Engineering of NTUA. Title: "Multilevel analysis of driving behaviour with focus on distraction based on a driving simulator experiment". State Scholarships Foundation (IKY) Fellow (2015-2017)
- **PhD** at the Department of Transportation Planning and Engineering in the School of Civil Engineering of NTUA. Title: Risk factors, driver behaviour and accident probability. The case of distracted driving. This dissertation is awarded with the "European Friedrich-List-Prize" by the European Platform of Transport Sciences (EPTS) as the best doctoral dissertation in Europe in Transport for 2015 (2010-2015)
- **Master of Science** in the Interdisciplinary - Interdepartmental Program "Water Resources Science and Technology". Award of best Diploma Thesis in the field of Energy in the Oicopolis Awards for the Diploma Thesis "Wind and hydro power

co-operation in the study of a hybrid energy project in Methoni, Greece" by the Ecocity organisation (2008 – 2009)

- **Diploma of Civil Engineering**, NTUA, Option of Transportation Engineer, September 2008 (2002 – 2008)

3. ACADEMIC ACTIVITIES

3.1 Teaching

Adjunct assistant professor of 6 courses in University of West Attica, University of Patras, University of Thessaly

at7. "**Road Design I**" in the Department of Surveying and Geoinformatics Engineering of University of West Attica (2018 – today)

at6. "**Road Design II**" in the Department of Surveying and Geoinformatics Engineering of University of West Attica (2018 – today)

at5. "**Road Safety and Urban Networks**" in the Department of Surveying and Geoinformatics Engineering of University of West Attica (2019 – today)

at4. "**Planning of Transportation Systems**" in the Department of Surveying and Geoinformatics Engineering of University of West Attica (2018 – 2019)

at3. "**Transport Analysis and Planning I**" in the Department of Civil Engineering of University of Patras (2016 – 2019)

at2. "**Road Safety**" in the Department of Civil Engineering of University of Thessaly (2018 – 2019)

at1. Teaching assistant in the course "**Traffic Management and Road Safety**" of the School of Civil Engineering of the National Technical University of Athens (2011 – 2019)

3.2 Supervisor of Diploma Theses

Ad6. Arvanitakis N. "**Correlation (RAS-K1,88) and new (RAL 2012) German guidelines for the design of level junctions**", University of West Attica, 2021

ad5. Dinar Y. "**Impact of Connected and/or Autonomous Vehicles in Mixed Traffic**", Technical University of Munich, October 2020

ad4. Stavropoulou V, "**Investigation of cyclists preferences for route choice**", University of Patras, October 2020

ad3. Kalantzi M., "**Investigation of Mobility to and from the University of Patras and within the University Campus**", University of Patras, July 2020.

- ad2. Papantoniou G., "**Investigation of road accidents at Dodekanisa**", University of West Attica, July 2020
- ad1. Ali I. "**Correlation of Mobile Phone Use and seat belt Use with Nationality and driver Characteristics**", University of Patras, March 2018.

Pending

- Kalyva K., " **Investigation of the effect of mixed traffic of autonomous and conventional vehicles on a emissions** ", University of West Attica
- Mitsaki I. "**Investigation of the effect of mixed traffic of autonomous and conventional vehicles on a motorway**", University of West Attica
- Tripsas A., "**Investigating the correlation of mobile phone use with aggressive driving with data from mobile phones**", University of West Attica
- Sitermegia K. "**Correlation of mobile phone use with sudden events in rural areas**", University of West Attica
- Siouna D. "**Correlation of mobile phone use with sudden events in urban areas**", University of West Attica
- Ntougia M. "**SWOT analysis for the investigation of electromobility in Greece**", University of West Attica

4. RESEARCH ACTIVITIES

Research experience with emphasis on road safety, traffic, intelligent transport systems and sustainable mobility, having carried out 3 postdoctoral dissertations with autonomous funding and having participated in 22 research projects by the European Commission (8), by other international organizations (6) and by Greek bodies (8).

- r25 "**e-MOPOLI2** - Electro MObility as driver to support POLicy Instruments for sustainable mobility" supporting Reion of Attica within the framework of e-MOPOLI project of Interreg Europe Programme (2021 - Σήμερα)
- r24 "**EcoCharge**: Investigation of the socio-economic impact of Environmental Pricing Policis in Transport" carried out for the Hellenic Association of Motor Vehicle Importers Representatives (2020 - 2021)
- r23 "**i-Dreams**: Safety Tolerance zone calculation and interventions for diver – vehicle – environment interactions under challenging conditions" of the Horizon 2020 framework programme on transport research of the European Commission (2019 -)

- r22. "**DistrApp** - Investigation of the effect of driver distraction using big data through smartphones", PostDoc research funded by State Scholarships Foundation (IKY) (2019 – 2021)
- r21. "**BeSmart** – Multi-modal driver behaviour and safety support system on the basis of smartphone applications" in the framework of the research programme EXPLORE-CREATE-INNOVATE (EREVNO-DHMIOURGO-KAINOTOMO) of the General Secretariat for Research and Technology (2019 - 2021)
- r20. "**HumAV** - Human Like Autonomous Vehicles", PostDoc research in Technical University of Munich (TUM) funded by Eurotech PostDoc (2018 – 2020)
- r19. "**E-MOPOLI** - Electro MObility as driver to support POLicy Instruments for sustainable mobility of the Interreg Europe Programme (2018 - 2021)
- r18. "**CyclUrban** - Cycling as an element of urban climate mitigation policy" of the European Climate Initiative, set up by the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (2017-
- r17. "Wider Impacts and Scenario Evaluation of Autonomous and Connected Transport of the **COST** grant system (2017-)
- r16. "**InAm** – Scientific support for actions to improve drivers' safety behaviour in Greece" carried out for Interamerican (2017-)
- r15. "**Uber** - Investigation of the socio-economic impact of ride sharing services in Athens" carried out for Uber B.V. (2017-2018)
- r14. "**CAMP-sUmp** - CAMPus sustainable University mobility plans in MED areas of the Interreg Mediterranean Programme (2017-2018)
- r13. "**SaferAfrica** – Innovating dialogue and problems appraisal for a safer Africa" of the Horizons 2020 framework programme on transport research of the European Commission (2016-2019)
- r12. "Multilevel analysis of driving behaviour with focus on distraction based on a driving simulator experiment", PostDoc research funded by State Scholarships Foundation (IKY) (2015 – 2017)
11. "**SAFETYCUBE** - Safety Causation, Benefits and Efficiency" of the Horizons 2020 framework programme on transport research of the European Commission (2015-2018)
- r10. "**ERSO+** Update of the European Road Safety Observatory" carried out for the Directorate General for Transport and Mobility of the European Commission (2015-2018)
- r9. "**PRACT** - Predicting road accidents - a transferable methodology across Europe" carried out for the Conference of European Directors of Roads (CEDR) (2014-2016)

- r8. "**BESAFE** - Belarusian road safety network" of the Tempus programme of the European Commission (2013-2017)
- r7. "**Rosee** - Road safety in South East European regions" in the framework of the South East Europe Transnational Cooperation Programm (2012-2014)
- r6. "**DRIVERBRAIN** - Performance of drivers with cerebral diseases at unexpected incidents" in the framework of the research programme ARISTEIA of the General Secretariat for Research and Technology (2012-2015)
- r5. "**DISTRACT** - Causes and impacts of driver distraction: a driving simulator study" in the framework of the research programme THALIS for the Ministry of Education, Lifelong Learning and Religious Affairs (2012-2015)
- r4. "**DACOTA** – Road Accident Data Collection Transfer and Analysis" of the seventh framework programme on transport research of the European Commission (2010-2012)
- r3. "**SARTRE 4** - Social attitudes to road traffic risk in Europe" carried out for the European Commission (2009 - 2012)
- r2. "**2-BE-SAFE**, Interaction between Powered Two-Wheeler Accidents and Infrastructure" of the 7th framework programme of the European Commission (2009 – 2011)
- r1. "**Development of manual for the safe driving of elderly drivers**" carried out for the Ministry of Transport and Communications (2009 - 2010)

5. PROFESSIONAL ACTIVITIES

As freelancer - **Transportation Specialist** has more than ten years of experience in traffic studies with focus on road safety, parking, geometric design on behalf of Public Organizations and Private bodies. At the same time, as an engineer in OSeven Company has participated in the development of models for the evaluation of users' driving behavior and the development of a driving performance rating system. He is co-founder of ScienTra - Science of Transport Company.

5.1 Freelancer Transportation Engineer – Cofounder Scientra

- Jt7. "**Horizontal and Vertical Markings of Underground Parking Spaces in the building of the Olympia Group**", Terra Nord SA, member of the Olympia Group, 2020
- jt6. "**Interventions to improve Traffic and Road Safety at the Schimatari Mega plant factory**", Coca Cola 3E - Schimatari Factory Mega-Plant, 2020
- jt5. "**Macroscopic analysis of road accident in Antirrio – Ioannina National Road**", POADep, 2018

- jt4. **"Investigation of the current situation and development of proposals for the improvement of the accessibility of disabled people in Kalamata"**, Municipality of Kalamata, 2016
- jt3. **"Interventions for the improvement of traffic conditions and road safety in the Industrial area of Thisbe"**, Corinth Pipeworks, 2016
- jt2. **"Investigation of a roundabout and surveying of traffic signs regarding the area of Kalamata's port"**, Port Authority of Kalamata, 2016
- jt1. **"Modification – reprogramming of traffic light of Vasileos Georgiou street in the section between Aristomenous and Akrita streets"**, Municipality of Kalamata, 2015

5.2 Transportation Engineer in OSeven Telematics Company

OSeven is a Greek technology company that specializes in telematics solutions for the analysis of driving behavior, (2015 - 2017). Indicative tasks:

- jo4. **Big data analysis**, fleet management and driving behavior analysis in the field of **Telematics**
- jo3. Development of models in order to evaluate driving behavior of users and a respective score that represents **driving behavior**, using data from mobile phones, OBD devices as well as other devices
- jo2. Correlation of the **driving score** with the estimated probability of participating in a road accident
- jo1. Development of **tips** and **notifications** the user based on his score in order to improve his driving behavior

5.3 Freelancer Civil Engineer, 2010 - today

- js4. More than 400 building **energy** efficiency inspectings
- js3. More than 20 submissions of illegal structures and uses in accordance with the laws 4014/2011 και 4178/2013
- js2. More than 20 **non-illegal** certificates
- js1. **Topographic** surveys, Inspection of construction works

6. SCIENTIFIC ACTIVITIES

President of the Hellenic Institute of Transportation Engineers, member of scientific organisations and committees (12), reviewer of publications in scientific journals and conferences (18), member of organizing committees of conferences (9) with 14 distinctions

6.1 Distinctions

- sa14. TUM University Foundation Fellowship (**TUFF**) by the Technical University of Munich, 2018
- sa13. **NTUA Thomaideio Award 2017** for the paper "Simulation of Texting Impact on Young Drivers' Behaviour and Safety on Motorways", published in 2016 in "Transportation Research Part F" Journal
- sa12. Fellowship by the **State Scholarships Foundation** (IKY) for the Post-Doctoral dissertation titled "Multilevel analysis of driving behaviour with focus on distraction based on a driving simulator experiment"
- sa11. **Seal of Excellence**, Certificate delivered by the European Commission, as the institution managing Horizon 2020, the EU Framework Programme for Research and Innovation 2014-2020, for the project proposal HumAV-Human like Autonomous Vehicles, Submitted under the Horizon 2020's Marie Skłodowska-Curie actions
- sa10. **NTUA Thomaideio Award 2016** for the paper "Assessment of Driving Simulator Studies on Driver Distraction", published in 2015 in Journal of Advances in Transportation Studies
- sa9. "**European Friedrich-List-Prize**" by the European Platform of Transport Sciences EPTS regarding the best doctoral dissertation in Europe in Transport for 2015
- sa8. **NTUA Thomaideio Award 2015** for the paper "Impact of texting on young drivers' behaviour and safety in Urban and Rural Roads through a Simulation Experiment", published in 2014 in Journal of Safety Research
- sa7. **Best poster presentation** of scientific paper "How cell phone use affects reaction time of older drivers" at the Health and Transport Conference, 2015
- sa6. **Best poster presentation** of scientific paper "Development of the European Road Safety Knowledge System" at the Transport Research Arena Conference, 2014
- sa5. Annual road safety award for the development of the European Road Safety Observatory by the Dakota research project by the **Prince Michael International Road Safety Awards**, UK, 2013
- sa4. Award of best Diploma Thesis in the field of Energy in the **OICOPOLIS** Awards for the Diploma Thesis "Wind and hydro power co-operation in the study of a hybrid energy project in Methoni, Greece", Athens, 2012
- sa3. Award "**Nikolaos Politis**", municipality of Kalamata, 2002
- sa2. Award "**Euclid**", Hellenic Mathematical Society (HMS), 2000-2001

sa1. Award "**Archimedes**", Hellenic Mathematical Society (HMS), 1998-1999

6.2 Reviewer of Papers to be published in Scientific Journals and Conferences

sr18. Reviewer for Journal "**IEEE Access**"

sr17. Reviewer for Journal "**Behaviour & Information Technology**"

sr16. Reviewer for Journal "**Case Studies on Transport Policy**"

sr15. Reviewer for "**Energies**" Journal

sr14. Reviewer for Journal "**JTTE** – Traffic and Transportation Engineering"

sr13. Reviewer for Journal "**JERG** – Applied Ergonomics"

sr12. Reviewer for Journal "**TRF** - Transportation Research Part F"

sr11. Reviewer for Journal "**AAP** - Accident Analysis & Prevention"

sr10. Reviewer for Journal "**ATS** - Advances in Transportation Research"

sr9. Reviewer for Journal "**TIP** - Traffic Injury and Prevention"

sr8. Reviewer for Journal "**ETRR** - European Transport Research Review"

sr7. Reviewer for Journal "**IJHFE**-International Journal of Human Factors and Ergonomics"

sr6. Reviewer for Journal "**Sustainability**"

sr5. Reviewer for **TRB** Conference

sr4. Reviewer for **WCTR** Conference

sr3. Reviewer for **HEART** Conference

sr2. Reviewer for **EWGT** Conference

sr1. Reviewer for **MT-ITS** Conference

sr1. Reviewer for 9th International Congress on Transportation Research

6.3 Member of Conferences Organising Committees

sc9. **10th International Congress on Transportation Research In Greece**, organised by the Hellenic Institute of Transportation Engineers and the Hellenic Institute of Transport (Rhodes, 2-3 September 2021)

sc8. **9th International Congress on Transportation Research in Greece**, organised by the Hellenic Institute of Transportation Engineers and the Hellenic Institute of Transport (Athens, 24-25 October 2019)

sc7. **Mobil.TUM 2019** - International Scientific Conference on Mobility and Transport, organised by the Chair of Transportation Systems Engineering of the Technical University of Munich (Munich, 11-12 September 2019)

sc6. **7th Pan-Hellenic Road Safety Conference**, organised by the Hellenic Institute of Transportation Engineers and the University of Thessaly (Larisa, 11-12 October 2018)

- sc5. **hEART 2018** – 7th Symposium of the European Association for Research in Transportation conference, which will be hosted by the Technical University of Munich, Germany and the National Technical University of Athens (Athens, 5-7 September 2018)
- sc4. **8th International Congress on Transportation Research In Greece**, organised by the Hellenic Institute of Transportation Engineers and the Hellenic Institute of Transport (Thessaloniki, 27-29 September 2017)
- sc3. **6th Pan-Hellenic Road Safety Conference**, organised by the Hellenic Institute of Transportation Engineers and the National Technical University of Athens (Athens, 12-13 March 2015)
- sc2. **International Conference on current advances in road infrastructure safety equipment**, organised by the European Union Road Federation, the Hellenic Institute of Transportation Engineers and the Department of Transportation Planning and Engineering of NTUA (Athens, 12-13 February 2015).
- sc1. **European Conference on Road Safety Data and Knowledge-based Policy-making** organised by the University of Loughborough and the Department of Transportation Planning and Engineering of NTUA (Athens, 22-23 November 2012)

6.4 Member of Scientific Organisations and Committees in Greece

- so13. Member of the scientific committee of the **10th International Congress on Transportation Research In Greece**, 2021
- so12. President of **Hellenic Institute of Transportation Engineers** (2020 – today)
- so11. Member of the scientific committee of the **7th Pan-Hellenic Road Safety Conference**, 2018
- so10. Member of the **National Road Safety Committee** (2018 – Today)
- so9. General Secretary of **Hellenic Institute of Transportation Engineers** (2018 – today)
- so8. Special Secretary of **Hellenic Institute of Transportation Engineers** (2016 – 2018)
- so7. Elected member of Central Delegation of **Technical Chamber of Greece**, (2013 – 2019)
- so6. Elected member of Delegation of Technical Chamber of **Peloponnese**, (2013 – 2017)
- so5. **Road safety Observatory** of Technical Chamber of Greece, (2015 – today)
- so4. **Road safety Committee** of Hellenic Institute of Transportation Engineers, (2014 – today)

- so3. Committee of Young Researchers, **Ecocity** organization (2014 – 2017)
- so2. Legislative Committee of the **Highway Code**, (2016 – today)
- so1. Commission tenders for projects, studies, consulting services and framework agreements ERGOSE SA, (2016 – 2017)

6.5 Seminars

- ss6. **2nd Eurotech Postdoc Workshop** within the framework of the Eurotech program, 2 - 4 March 2020, TUM, Germany
- ss5. **1st Eurotech Postdoc Workshop** within the framework of the Eurotech program, 23rd – 25th September 2019 EPFL Campus, Switzerland
- ss4. **WISE-ACT Training School 2019** titled “Modelling and Policy Analysis Tools to Explore the Future of Autonomous and Connected Transport (ACT)”, 26th – 28th March 2019 Haifa, Israel
- ss3. **BYPAD** – Bicycle Policy Auditor, after completing BYPAD auditor training awarded by Austrian Mobility Research, 27-29 June 2018, Gratz, Austria
- ss2. Seminar “**Statistical modeling with R**”, Athens University of Economics and Business, 23-27 June 2014, Athens, Greece
- ss1. Two-day training course with practical testing on “**Assessment of Fitness-to-drive and driving performance**”, Belgian Road Safety Institute, 14-15 January 2016, Brussels, Belgium

7. SCIENTIFIC PUBLICATIONS

Publication of 22 papers in Scientific Journals with Referees, **69 papers in Conferences and Seminars Proceedings**, and 5 book chapters (h-index: google scholar: 10, scopus: 6).

7.1 Publications in Scientific Journals with Referees

- pj22. Papantoniou P., Vlahogianni E., Yannis G. “**Are driving errors and driving performance correlated? A dual structural equation model**”. Advances in Transportation Studies, Pages 37-50
- pj21. Papantoniou P., Vlahogianni, E, Yannis G. “**On User Perception of Mobility Patterns, Problems and efficient Measures for University Campuses in Mediterranean Countries**”, Ekistics Journal, accepted for publication
- pj20. Papantoniou, P., Yannis, G., Vlahogianni, E., Attard, M., Regattieri, A., Piana, F., Pilati F. (2020). “**Developing a Sustainable Mobility Action Plan for**

- University Campuses**", Transportation Research Procedia, 48, 1908-1917, <https://doi.org/10.1016/j.trpro.2020.08.223>
- pj19. Hardinghaus M., Papantoniou P. (2020). **"Evaluating cyclist's route preferences with respect to infrastructure"**, Sustainability Journal, 12 (8), 3375, <https://doi.org/10.3390/su12083375>
- pj18. Mavromatis S., Matragos V., Papantoniou P. (2020). **"Crest Vertical Curvature Safety Assessment through Variable Grade Stopping Sight Distance"**, Transportation Research Procedia, 45, 426-433, <https://doi.org/10.1016/j.trpro.2020.03.035>
- pj17. Papantoniou P., Yannis G., Christofa E. (2019). **"Which factors lead to driving errors? A structural equation model analysis through a driving simulator experiment"**. International Association of Traffic and Safety Sciences, 43 (1), 44-50, <https://doi.org/10.1016/j.iatssr.2018.09.003>
- pj16. Papantoniou P., Yannis G., Antoniou C., Pavlou D. (2019). **"Which factors affect accident probability at unexpected incidents? A Structural Equation Model approach"**. Journal of Transportation Safety & Security, 11 (5), 544-561, <http://dx.doi.org/10.1080/19439962.2018.1447523>
- pj15. Papageorgiou S.G., Papantoniou P., Beratis I., Pavlou D., Andronas N., Kontaxopoulou D., Yannis G., Fragkiadaki S., Stamelou M., Stefanis L. (2018). **"Exploring the association of the Comprehensive Trail Making Test with driving indexes in patients with Parkinson's disease"**. Transportation Research Part F: Traffic Psychology and Behaviour, 59, 535-544, <https://doi.org/10.1016/j.trf.2017.10.007>
- pj14. Papantoniou P. (2018). **"Structural Equation Model analysis for the evaluation of overall driving performance: A driving simulator study focusing on driver distraction"**, Traffic Injury and Prevention, 19(3), 317-325, <http://dx.doi.org/10.1080/15389588.2017.1398825>
- pj13. Yannis G., Papantoniou P., Nikas M. (2017). **"Comparing young drivers speeding behavior at rural areas in normal and simulation conditions"**, European Transport \ Trasporti Europei, Issue 66, Paper n° 5
- pj12. Papantoniou P., Papadimitrou E., Yannis G., (2017). **"Review of driving performance parameters critical for distracted driving research"**. Transportation Research Procedia, Vol. 25C, Pages 1801-1810, <https://doi.org/10.1016/j.trpro.2017.05.148>
- pj11. Pavlou D., Papadimitriou E., Antoniou C., Papantoniou P., Yannis G., Golias J., Papageorgiou S.G. (2017). **"Comparative assessment of the behaviour of drivers with Mild Cognitive Impairment or Alzheimer's Disease in different**

- road and traffic conditions**". Transportation Research Part F: Traffic Psychology and Behaviour, Vol. 47, 122–131, <https://doi.org/10.1016/j.trf.2017.04.019>
- pj10. Pavlou D., Papantoniou P., Papadimitriou E., Vardaki S., Economou A., Yannis G., Papageorgiou S.G. (2017). "**Self-assessment of drivers with brain pathologies: reported habits and self-regulation of driving**", Journal of Transport & Health, Vol. 4, 90-98, <https://doi.org/10.1016/j.jth.2016.08.008>
- pj9. Yannis G., Laiou A., Papantoniou P., Gkartzonikas C. (2016). "**Simulation of Texting Impact on Young Drivers' Behaviour and Safety on Motorways**", Transportation Research Part F, Vol 41, 10–18, <https://doi.org/10.1016/j.trf.2016.06.003>
- pj8. Pavlou D., Beratis I., Papadimitriou E., Yannis G., Papantoniou P., Golias J., Papageorgiou S.G. (2017). "**Driving performance profiles of drivers with brain pathologies in rural roads**", International Journal of Transportation, Vol. 5, No.3, 17-28, <http://dx.doi.org/10.14257/ijt.2017.5.3.02>
- pj7. Papantoniou P., Antoniou C., Papadimitriou E., Yannis G., Pavlou D., Golias J. (2017). "**Exploratory analysis of the effect of distraction on driving behaviour through a driving simulator experiment**", International Journal of Transportation, vol. 5, no 1, 35-46, <http://dx.doi.org/10.14257/ijt.2017.5.1.03>
- pj6. Pavlou D., Papantoniou P., Papadimitriou E., Vardaki S., Yannis G., Antoniou C., Golias J., Papageorgiou S.G. (2016). "**Which are the effects of driver distraction and brain pathologies on reaction time and accident risk?**", Advances in Transportation Studies, Special Issue Vol.1, 83-98.
- pj5. Papantoniou P., Papadimitriou E., Yannis G. (2015). "**Assessment of Driving Simulator Studies on Driver Distraction**", Advances in Transportation Studies, Issue 35, 129-144.
- pj4. Yannis G., Laiou A., Papantoniou P., Christoforou C. (2014). "**Impact of texting on young drivers' behaviour and safety in urban and rural roads through a simulation experiment**", Journal of Safety Research, Vol. 49, 25-31, <https://doi.org/10.1016/j.jsr.2014.02.008>
- pj3. Yannis G., Papadimitriou E., Papantoniou P., Petrellis N. (2013). "**Cell phone use and traffic characteristics**", Traffic Engineering & Control, 7-11.
- pj2. Yannis G., Papadimitriou E., Papantoniou P., Voulgari C. (2013). "**A statistical analysis of the impact of advertisign signs on road safety**", International Journal of Injury Control and Safety Promotion, Vol. 20, No.2111–120, <http://dx.doi.org/10.1080/17457300.2012.686042>
- pj1. Yannis G., Papadimitriou E., Papantoniou P., Voulgari C. (2012). "**Driver distraction and road safety in Greece and international**", Journal of Transport and Shipping, Vol.5, 49-64.

7.2 Publications in Conferences and Seminars Proceedings

- Pc71. Korentzelou A., Petraki V., Papantoniou P., Yannis G. **"Investigating the acceptance of an environmental transport charging policy. The case of Athens"**, 7th International IEEE Conference on Models and Technologies for Intelligent Transportation Systems, Virtual (16-17 June 2021)
- Pc70. Mavromatis S., Dragomanovits A., Papantoniou P., Pasia P., Yannis G. **"Impact of Median Jersey Barriers in the Design of Compound Alignments"**, Roadside Safety Conference, European Union Road Federation, Virtual (15 December 2020)
- pc69. Papantoniou P., Kalliga V., Antoniou C. **"Investigation CO2 emissions in mixed traffic of autonomous vehicles and human drivers on motorways"**, Proceedings of the 3rd Symposium on Management of Future Motorway and Urban Traffic Systems, virtual, Luxemburg, (6-8 July, 2020)
- pc68. Papantoniou P., Kalliga V., Antoniou C. **"How Autonomous Vehicles may affect vehicle emissions on motorways"**, Proceedings of the 5th Conference on Sustainable Urban Mobility (Virtual CSUM2020), organised by The University of Thessaly, Department of Civil Engineering, Traffic, Transportation and Logistics Laboratory – TTLog (17-19 June 2020)
- pc67. Papantoniou P., Kontaxi A., Yannis G. **"Investigating the correlation of mobile phone use with trip characteristics recorded through smartphone sensors"**, Proceedings of the 5th Conference on Sustainable Urban Mobility (Virtual CSUM2020), organised by The University of Thessaly, Department of Civil Engineering, Traffic, Transportation and Logistics Laboratory – TTLog (17-19 June 2020).
- pc66. Orfanou F., Papantoniou P., Vlahogianni E., Yannis G. **"A comparative gap analysis for electromobility and alternative fuels"**, Proceedings of the 5th Conference on Sustainable Urban Mobility (Virtual CSUM2020), organised by The University of Thessaly, Department of Civil Engineering, Traffic, Transportation and Logistics Laboratory – TTLog (17-19 June 2020)
- pc65. Papantoniou P., Kalliga V., Antoniou C. **"How Autonomous Vehicles may affect vehicle emissions on motorways"**, Proceedings of the 5th Conference on Sustainable Urban Mobility (Virtual CSUM2020), organised by The University of Thessaly, Department of Civil Engineering, Traffic, Transportation and Logistics Laboratory – TTLog (17-19 June 2020)

- pc64. Boulougari A., Papantoniou P., Yannis G. "**Driver choices towards ride sharing in Athens**", Transport Research Arena 2020, Helsinki, Finland (Conference canceled)
- pc63. Broos J., Vanhaverbeke L., Orfanou F., Papantoniou P., Vlahogianni E., Yannis G. "**Embracing Electromobility in Europe: Analysis of good practices and their Transferability in nine European Regions**", Transport Research Arena 2020, Helsinki, Finland (Conference canceled)
- pc62. Michelaraki E., Kontaxi A., Papantoniou P., Yannis G. "**Correlation of driver behaviour and fuel consumption using data from smartphones**", Transport Research Arena 2020, Helsinki, Finland (Conference canceled)
- pc61. Orfanou F., Papantoniou P., Vlahogianni E., Yannis G., "**Embracing Electromobility in Greece: Analysis of good practices in the Region of Attica**", Proceedings of the 9th International Congress on Transportation Research, organised by The Hellenic Institute of Transportation Engineers (HITE) and the Hellenic Institute of Transport (HIT/CERTH), Athens, Greece, 24-25 October 2019
- pc60. Panagiotopoulou M., Papantoniou P., Yannis G., "**Self-assessment and Road Behavior**", Proceedings of the 9th International Congress on Transportation Research, organised by The Hellenic Institute of Transportation Engineers (HITE) and the Hellenic Institute of Transport (HIT/CERTH), Athens, Greece, 24-25 October 2019
- pc59. Kakridoni E., Papantoniou P., Vlahogianni E., Yannis G., "**Investigation of Sustainable Mobility Plans in Universities of the Mediterranean Region**", Proceedings of the 9th International Congress on Transportation Research, organised by The Hellenic Institute of Transportation Engineers (HITE) and the Hellenic Institute of Transport (HIT/CERTH), Athens, Greece, 24-25 October 2019
- pc58. Papantoniou P., Yannis G., Antoniou C., Pavlou D., "**Can structural equation models assess overall driving performance in driving simulator experiments?**", Proceedings of the RSS – Road Safety and Simulation 2019 International Conference, organised by the Iowa University, Iowa, USA, 14-17 October 2019
- pc57. Gavalas O., Papantoniou P., Yannis G., Papadimitriou E., "**Association of Expressed Driving Anger with Driving Performance Combining Simulator and Survey Data**", Proceedings of the RSS – Road Safety and Simulation 2019 International Conference, organised by the Iowa University, Iowa, USA, 14-17 October 2019
- pc56. Mavromatis S., Matragos V., Papantoniou P. "**Crest Vertical Curvature Safety Assessment through Variable Grade Stopping Sight Distance**", Proceedings

of the AIIT International Congress on Transport Infrastructure and Systems in a changing World, Rome, Italy, 23-24 September 2019

- pc55.Papantoniou P., Yannis G., Pavlou D. "**How unexpected events affect lateral position variability?**", Proceedings of the 15th World Conference on Transport Research, Mumbai, WCTRS, June 2019.
- pc54.Papantoniou, P., Yannis, G., Vlahogianni, E., Attard, M., Regattieric, A., Pianac, F., Pilatic F. Papantoniou P., Papadimitriou E., Yannis G., "**Developing a Sustainable Mobility Action Plan for University Campuses**", Proceedings of the 15th World Conference on Transport Research, Mumbai, WCTRS, June 2019.
- pc53.Papantoniou P., Yannis G., "**Investigating average speed after an unexpected event through a driving simulator experiment**", Proceedings of the 7th Panhellenic Road Safety Conference, Larissa, Greece, 11-12 October 2018.
- pc52.Papantoniou P., Voutsina D., Yannis G., Pavlou D., "**Comparative analysis of young drivers behaviour in normal and simulated conditions in urban environment**", Proceedings of the 7th Panhellenic Road Safety Conference, Larissa, Greece, 11-12 October 2018.
- pc51.Ali I., Papantoniou P., Chasiakos A., "**Investigation of cell phone and seat belt use with driver's nationality and characteristics**", Proceedings of the 7th Panhellenic Road Safety Conference, Larissa, Greece, 11-12 October 2018.
- pc50.Papalymperis P., Papantoniou P., Yannis G., "**Analysis of the impact of autonomous vehicles to travel behaviour**", Proceedings of the 7th Panhellenic Road Safety Conference, Larissa, Greece, 11-12 October 2018.
- pc49.Papantoniou P., Vlahogianni E., Yannis G., Attard M., Valero Mora P., Campos Diaz E., Tormo Lancero M.T., "**Investigating Mobility Gaps in University Campuses**", Proceedings of the 4th Conference on Sustainable Urban Mobility – CSUM 2018, Skiathos Island, Greece, May 2018.
- pc48.Vlahogianni E., Papantoniou P., Yannis G., Attard M., Regattieri A., Piana F., Pilati F., "**Analysis of Mobility patterns in selected University Campus Areas**", Proceedings of the 4th Conference on Sustainable Urban Mobility – CSUM 2018, Skiathos Island, Greece, May 2018
- pc47.Papantoniou P., Pavlou D., Yannis G., Antoniou C., "**Investigating which factors affect lateral position variability through a driving simulator experiment** ", Proceedings of the 7th Transport Research Arena TRA 2018 Conference, Vienna, Austria, April 2018.
- pc46.Pavlou D., Papadimitriou E., Papantoniou P., Yannis G., Papageorgiou S., "**Compensatory driving behaviour of older drivers with Parkinson's disease. Is it sufficient to counterbalance their driving difficulties?** ", Proceedings of

- the 7th Transport Research Arena TRA 2018 Conference, Vienna, Austria, April 2018.
- pc45. Beratis I., Stanitsa E., Kontaxopoulou D., Fragkiadaki S., Kontari P., Pavlou D., Papantoniou P., Economou A., Yannis G., Papageorgiou S.G., **"The Value of Mini Mental State Examination (MMSE) and Montreal Cognitive Assessment (MoCA) in the Prediction of Fitness to Drive in Patients with Mild Cognitive Impairment (MCI) and Mild Alzheimer's Disease (mAD)"**, Proceedings of the Transportation Research Board (TRB) 97th Annual Meeting, Washington, D.C., January 2018.
- pc44. Papantoniou P., **"Latent model analysis investigating driving behaviour based on driving simulator data"**, Proceedings of the "Smart Cities and Mobility as a Service" International Conference, Patras, Greece, December 2017.
- pc43. Papantoniou P., Vlahogianni E., Yannis G., Campos Diaz E., Tormo Lancero M.T., Valero Mora P., **"Evaluating the use of ICT tools to the mobility management of University Campuses"**, Proceedings of the "Smart Cities and Mobility as a Service" International Conference, Patras, Greece, December 2017.
- pc42. Vlahogianni E., Yannis G., Papantoniou P., Kotsi E., **"Reference analysis for the mobility in NTUA Campus"**, Proceedings of the 8th International Congress on Transportation Research in Greece, Thessaloniki, 27-29 September 2017
- pc41. Papantoniou P., Pavlou D., Antoniou C., Yannis G., Papadimitriou E., **"How does distracted driving affect lateral position of older drivers?"**, Proceedings of the 5th International Conference on Driver Distraction and Inattention, Paris, March 2017
- pc40. Pavlou D., Papantoniou P., Yannis G., Papageorgiou S.G., **"The detrimental effect of mobile phone use on the driving competence of patients with neurological diseases affecting cognitive functions"**, Proceedings of the 5th International Conference on Driver Distraction and Inattention, Paris, March 2017
- pc39. Papantoniou P., Papadimitriou E., Yannis G., **"Review of driving performance parameters critical for distracted driving research"**, Proceedings of the 14th World Conference on Transport Research, Shanghai, WCTRS, July 2016.
- pc38. Pavlou D., Papadimitriou E., Papantoniou P., Yannis G., Papageorgiou S.G., **"The Impact of cognitive impairments on accident risk"**, Proceedings of the 7th Expert Symposium on Accident Research, Medical School of Hannover, Hannover, June 2016.
- pc37. Papantoniou P., Yannis G., Antoniou C., Papadimitriou E., Pavlou D., Golias J., **"Investigating the Effect of Area Type and Traffic Conditions on Distracted**

- Driving Performance**", Proceedings of the 6th European Transport Research Arena Conference, Warsaw, April 2016.
- pc36.Yannis G., Papantoniou P., Reitzopoulou O., "**Effect of vehicle collision type on road accident severity in Greece**", Proceedings of the 7th International Congress on Transport Research in Greece, Athens, November 2015
- pc35.Yannis G., Papantoniou P., Papadimitriou E., Tsolaki A., "**Analysis of Preferences for the Use of a Bicycling Sharing System in Athens**", Proceedings of the 7th International Congress on Transport Research in Greece, Athens, November 2015
- pc34.Antoniou C., Papantoniou P., Papadimitriou E., Pavlou D., Yannis G., Golias J., "**Cell phone use and driving performance of different age groups**", Proceedings of the 5th International Conference on Road Safety and Simulation, Orlando, October 2015
- pc33.Yannis G., Papantoniou P., Nikas M., "**Comparative analysis of young drivers' behavior in normal and simulation conditions at a rural road**", Proceedings of the 5th International Conference on Road Safety and Simulation, Orlando, October 2015
- pc32.Pavlou D., Papantoniou P., Papadimitriou E., Vardaki S., Yannis G., Antoniou C., Golias J., Papageorgiou S.G., "**In-vehicle distraction and brain pathologies: Effects on reaction time and accident probability**", Proceedings of the 5th International Conference on Road Safety and Simulation, Orlando, October 2015
- pc31.Yannis G., Papantoniou P., Papadimitriou E., Tsolaki A., "**Analysis of Preferences for the Use of a Bicycling Sharing System in Athens**", Proceedings of the 4th international cycling safety conference, Hannover Medical School, Hannover, September 2015.
- pc30.Papantoniou P., Antoniou C., Yannis G., Papadimitriou E., Pavlou D., Golias J., "**How does distracted driving affect reaction time of older drivers?**", Proceedings of the 14th International Conference on Mobility and Transport for Elderly and Disabled Persons, Lisbon, July 2015
- pc29. Yannis G., Papantoniou P., Papadimitriou E., Vardaki S., Pavlou D., "**Assesing driving behaviour in the elderly: Methodologivcal issues**", Proceedings of the 14th International Conference on Mobility and Transport for Elderly and Disabled Persons, Lisbon, July 2015
- pc28.Yannis G., Evgenikos P., Papantoniou P., Papadimitriou E., Broughton J., Thomas P., Kirk A., "**Road traffic casualties in the elderly in Europe: Analysis of macroscopic and in-depth data**", Proceedings of the 14th International Conference on Mobility and Transport for Elderly and Disabled Persons, Lisbon, July 2015

- pc27.Pavlou D., Papadimitriou E., Vardaki S., Papantoniou P., Andronas N., Yannis G., Golias J., Papageorgiou S.G., "**Driving performance profiles of drivers with Parkinson disease**", Proceedings of the 14th International Conference on Mobility and Transport for Elderly and Disabled Persons, Lisbon, July 2015
- pc26.Papantoniou P., Antoniou C., Papadimitriou E., Yannis G., Golias J., "**Exploratory analysis of the effect of distraction on driving behaviour through a driving simulator experiment**", Proceedings of the 6th Pan-hellenic Road Safety Conference, Hellenic Institute of Transportation Engineers, National Technical University of Athens, Athens, March 2015
- pc25.Yannis G., Papantoniou P., Georgiadou E., "**Investigation of the impact on road safety of increasing the speed limit on motorways**", Proceedings of the 6th Pan-hellenic Road Safety Conference, Hellenic Institute of Transportation Engineers, National Technical University of Athens, Athens, March 2015
- pc24.Pavlou D., Papadimitriou E., Antoniou C., Papantoniou P., Yannis G., Golias J., Papageorgiou S.G., "**Driving behaviour of drivers with Mild Cognitive Impairment and Alzheimer's Disease: A Driving Simulator Study**", Proceedings of the 94th Annual meeting of the Transportation Research Board, Washington, January 2015
- pc23.Pavlou D., Kontaxopoulou D., Fragkiadaki S., Vardaki S., Papadimitriou E., Papantoniou P., Yannis G., Golias J., Papageorgiou S.G., "**Older driver's self-assessment and cognitive impairments**", Proceedings of the International interdisciplinary conference 'Ageing and Safe Mobility', Bergisch-Gladbach, November 2014
- pc22.Papantoniou P., Antoniou C., Papadimitriou E., Pavlou D., Yannis G., Golias J., "**Is distracted driving performance affected by age? First findings from a driving simulator study**", Proceedings of the International interdisciplinary conference 'Ageing and Safe Mobility', Bergisch-Gladbach, November 2014
- pc21.Pavlou D., Papadimitriou E., Vardaki S., Antoniou C., Papantoniou P., Yannis G., Golias J., Beratis I., Economou A., Papageorgiou S.G., "**Assessment of driving performance of drivers with brain pathologies in urban roads, using a driving simulator**", Proceedings of the International interdisciplinary conference 'Ageing and Safe Mobility', Bergisch-Gladbach, November 2014
- pc20.Yannis G., Papadimitriou E., Papantoniou P., "**Distracted driving and mobile phone use: Overview of impacts and countermeasures**", Proceedings of the Communication Technologies and Road Safety Conference, Abu Dhabi, November 2014.
- pc19.Yannis G., Papadimitriou E., Papantoniou P., Pavlou D., Golias J., "**First exploitation of the effect of road and traffic environment on distracted**

- driving through a driving simulator study**", Proceedings of the Transport Research Arena Conference, Paris, April 2014
- pc18. Evgenikos P., Papantoniou P., Hermitte T., Elslande P.V., Kirk A., Thomas P., Atalar D., Pfeiffer M., Yannis G., "**European road safety and e-safety**", Proceedings of the Transport Research Arena Conference, Paris, April 2014
- pc17. Pavlou D., Papadimitriou E., Yannis G., Papantoniou P., Papageorgiou S.G., "**First findings from a simulator study on driving behaviour of drivers with cerebral diseases**", Proceedings of the Transport Research Arena Conference, Paris, April 2014
- pc16. Papadimitrou E., Pavlou D., Papantoniou P., Yannis G., Golias J., Papageorgiou S.G., "**Results from a driving simulator study on performance of drivers with cerebral diseases in rural roads**", Proceedings of the 93rd Annual meeting of the Transportation Research Board, Washington, January 2014
- pc15. Papantoniou P., Papadimitriou E., Yannis G., "**Review of driving simulator studies on driver distraction**", Proceedings of the 4th International Conference on Road Safety and Simulation, Rome, October 2013
- pc14. Yannis G., Laiou A., Papantoniou P., Christoforou C., "**Simulation of Texting Impact on Young Drivers Behaviour and Safety in Urban and Rural Roads**", Proceedings of the 4th International Conference on Road Safety and Simulation, Rome, October 2013
- pc13. Yannis G., Papageorgiou S.G., Economou A., Papadimitriou E., Vardaki S., Papantoniou P., Pavlou D., Golias J., Andronas N., Liozidou A., Beratis I., "**Design of a Large Driving Simulator Experiment on Performance of Drivers with Cerebral Diseases**", Proceedings of the 4th International Conference on Road Safety and Simulation, Rome, October 2013
- pc12. Pavlou D., Beratis I., Liozidou A., Yannis G., Papageorgiou S.G., Economou A., Papantoniou P., "**Effects of cerebral diseases on driver distraction**", Proceedings of the 3rd International Conference on driver distraction and inattention, Chalmers University, Gothenburg, Sweden, September 2013
- pc11. Yannis G., Laiou A., Papantoniou P., Gkartzonikas G., "**Impact of Texting on Young Drivers' by the Use of a Driving Simulator**", Proceedings of the 3rd International Conference on driver distraction and inattention, Chalmers University, Gothenburg, Sweden, September 2013
- pc10. Yannis G., Evgenikos P., Papantoniou P., Kirk A., Thomas P., "**Characteristics of road accidents with young people in Europe**", Proceedings of the 13th World Conference on Transportation Research, COPPE - Federal University of Rio de Janeiro at Rio de Janeiro, Brazil, July 2013

- pc9. Broughton J., Knowles J., Yannis G., Evgenikos P., Papantoniou P., "**Seasonal distributions of road fatalities in Europe**", Proceedings of the 13th World Conference on Transportation Research, COPPE - Federal University of Rio de Janeiro at Rio de Janeiro, Brazil, July 2013
- pc8. Pace J.F., Martínez-Pérez C., Sanmartín J., Yannis G., Evgenikos P., Papantoniou P., "**Parameters affecting road fatalities outside urban areas in Europe**", Proceedings of the 13th World Conference on Transportation Research, COPPE - Federal University of Rio de Janeiro at Rio de Janeiro, Brazil, July 2013
- pc7. Evgenikos P., Papantoniou P., Yannis G., "**Review of evaluation procedures related to safety systems**", Proceedings of the 5th Pan-hellenic Road Safety Conference, University of Thessaly, Road Safety Observatory of the Technical Chamber of Greece, Volos, October 2012
- pc6. Evgenikos P., Yannis G., Papantoniou P., Kirk A., Thomas P., Atalar D., Hermite T., Elsande P.V., "**Review of current in-vehicle safety systems and related data sources**", Proceedings of the 5th Pan-hellenic Road Safety Conference, University of Thessaly, Road Safety Observatory of the Technical Chamber of Greece, Volos, October 2012.
- pc5. Yannis G., Antoniou C., Evgenikos P., Papantoniou P., Kirk A., "**Characteristics and causes of power two-wheeler accidents in Europe**", Proceedings of the Transport Research Arena Conference, Elsevier, Athens, April 2012
- pc4. Yannis G., Papantoniou P., Papadimitriou E., "**Διερεύνηση της επιρροής των διαφημιστικών πινακίδων στον αριθμό των οδικών ατυχημάτων**", Proceedings of the 3rd pan-hellenic highway engineering conference, Technical Chamber of Greece, Athens, February 2012
- pc3. Vassilakopoulos A., Boussiakou L., Papantoniou P., Kalkani E., "**Proposing a hybrid wind/hydro energy system at Milos Island, Greece**", Proceedings of HYDRO 2011 – Practical Solutions for a Sustainable Future, Prague, October 2011
- pc2. Papantoniou P., Boussiakou L., Vassilakopoulos A., Kalkani E., "**Wind and hydro power co-operation in the study of a hybrid energy project in Methoni, Greece**", Proceedings of HYDRO 2011 – Practical Solutions for a Sustainable Future, Prague, October 2011
- pc1. Yannis G., Papadimitriou E., Papantoniou P., Petrellis N., "**Cell phone use and traffic characteristics**", Proceedings of the 12th World Conference on Transport Research, Lisbon, July 2010

7.3 Book chapters

- pb5. Papantoniou P., Kontaxi A., Yannis G., Fortsakis P. (2021) **Investigating the Correlation of Mobile Phone Use with Trip Characteristics Recorded Through Smartphone Sensors**. In: Nathanail E.G., Adamos G., Karakikes I. (eds) Advances in Mobility-as-a-Service Systems. CSUM 2020. Advances in Intelligent Systems and Computing, vol 1278. Springer, Cham, http://dx.doi.org/10.1007/978-3-030-61075-3_90
- pb4. Orfanou F., Papantoniou P., Vlahogianni E., Yannis G. (2021) **A Comparative Gap Analysis for Electromobility and Alternative Fuels**. In: Nathanail E.G., Adamos G., Karakikes I. (eds) Advances in Mobility-as-a-Service Systems. CSUM 2020. Advances in Intelligent Systems and Computing, vol 1278. Springer, Cham, http://dx.doi.org/10.1007/978-3-030-61075-3_59
- pb3. Papantoniou P., Kalliga V., Antoniou C. (2021) **How Autonomous Vehicles May Affect Vehicle Emissions on Motorways**. In: Nathanail E.G., Adamos G., Karakikes I. (eds) Advances in Mobility-as-a-Service Systems. CSUM 2020. Advances in Intelligent Systems and Computing, vol 1278. Springer, Cham, http://dx.doi.org/10.1007/978-3-030-61075-3_29
- pb2. Papantoniou P., Vlahogianni E., Yannis G., Attard M., Valero Mora P., Campos Diaz E., Tormo Lancero M.T. (2019) **Investigating Mobility Gaps in University Campuses**. In: Nathanail E., Karakikes I. (eds) Data Analytics: Paving the Way to Sustainable Urban Mobility. CSUM 2018. Advances in Intelligent Systems and Computing, vol 879. Springer, Cham, http://dx.doi.org/10.1007/978-3-030-02305-8_46
- pb1. Vlahogianni E., Papantoniou P., Yannis G., Attard M., Regattieri A., Piana F., Pilati F. (2019) **Analysis of Mobility Patterns in Selected University Campus Areas**. In: Nathanail E., Karakikes I. (eds) Data Analytics: Paving the Way to Sustainable Urban Mobility. CSUM 2018. Advances in Intelligent Systems and Computing, vol 879. Springer, Cham, http://dx.doi.org/10.1007/978-3-030-02305-8_52

8. CONFERENCES AND SEMINARS

8.1 Invited speaker

Invited speaker in 12 scientific conferences worldwide, 17 presentations in Conferences and Seminars with publication of abstract in the Proceedings and 39 Presentations in Conferences and Seminars

- ci12. Invited key-note speaker presenting "**Mobility Plans for University Campuses**", in the online workshop organised by the Urban Transport Community of Interreg Med programme (18 November 2020)
- ci11. Invited key-note speaker presenting "**Nexus between mobility planning and safety for all users of the public space**", in the Fourth Workshop of the project BEACON - Building Capacity for Local Sustainability in Southern Europe (Kalamata, 25 February 2020)
- ci10. Invited key-note speaker presenting "**Strengths, Weaknesses and Opportunities of Sustainable Urban Mobility Plans in Greece**", at the opening session of the 1st Conference on Urban Mobility organised by the Ministry of Transport and Infrastructure (Athens, 16 January 2020)
- ci9. Invited key-note speaker presenting "**Driving simulator of the NTUA Road Safety Observatory**", in the 7th International Conference on Road Safety and Simulation (Iowa, 16 October 2019)
- ci8. Invited key-note speaker presenting "**Driving anger: Emerging issues and opportunities to advance the safety science**", in the 7th International Conference on Road Safety and Simulation (Iowa, 15 October 2019)
- ci7. Invited key-note speaker presenting "**Sustainable Urban Mobility and Safety**", in the International Conference titled "Horizontal condominium as a living lab for Urban Renewals" within the framework of the Remedio project (Treviso, 1 October 2019)
- ci6. Invited key-note speaker presenting "**Road Safety and Automation**", in the 31th ICTCT Conference titled "On the track of future urban mobility: safety, human factors and technology" (Porto, 25 October 2018)
- ci5. Invited speaker presenting "**Risks and Countermeasures for Road Traffic of the Elderly in Europe**", in the 10th International Conference titled "Urban Traffic Safety" organised by City of Edmonton (Edmonton, 10 July 2018)
- ci4. Invited speaker presenting "**Problems and Solutions for children safety**", in the International Conference "Traffic Education: Modern Educational Approaches and Good Practices" (Tunis, 27 April 2018)

- ci3. Invited speaker on the Special Permanent Committee on Road Safety of Hellenic Parliament titled "**Road accidents in Greece: Facts and Proposals**" (Athens, 14 July 2016)
- ci2. Invited speaker presenting "**Risk factors, driver behaviour and accident probability. The case of distracted driving.**" In the Annual Road Safety Conference of Israel organized by the Bar-Ilan University (Tel Aviv, 7 July 2016)
- ci1. Invited speaker presenting "**Risk factors, driver behaviour and accident probability. The case of distracted driving.**" in the conference titled "Mobility 4.0 - Quo Vadis Europa" organized by the SciNet Research Forum 2016 (Vienna, 17 June 2016)

8.2 Presentations in Conferences and Seminars with publication of abstract in the Proceedings

- ca17. Stanitsa E., Beratis I., Kontaxopoulou D., Fragkiadaki S., Papastefanopoulou V., Pavlou D., Papantoniou P., Kroupis C., Economou A., Papatriantafyllou J., Stefanis L., Yannis G., Papageorgiou S.G. "**Driving behavior of patients with mild Alzheimer's Disease (AD) or amnesic Mild Cognitive Impairment (aMCI) carriers of the apolipoprotein e4 allele (APOE4)**", 6th Virtual Congress of the European Academy of Neurology (EAN), May 2020
- ca16. Campos Diaz E., Tormo Lancero M.T., Valero Mora P., Papantoniou P., Vlahogianni E., Yannis G., "**Shaping the mobility in university campuses throughout ICT solutions**", Mobil.TUM 2019 - International Scientific Conference on Mobility and Transport, Munich, September 2019
- ca15. Papantoniou P., Yannis G., Pavlou D., "**How an unexpected event affects overall driving performance?**", Mobil.TUM 2019 - International Scientific Conference on Mobility and Transport, Munich, September 2019
- ca14. Economou A., Papantoniou P., Stefanis L., Stamatelos, P., Yannis G., Papageorgiou S.G., "**The slowest to respond: reaction time, accidents and driving errors in neurology patients in urban simulated driving**", 5th Congress of the European Academy of Neurology, Oslo, June 2019
- ca13. Economou A., Papantoniou P., Stefanis L., Stamatelos, P., Yannis G., Papageorgiou S.G., "**The slowest to respond: reaction time, accidents and driving errors in neurology patients in rural simulated driving**", 5th Congress of the European Academy of Neurology, Oslo, June 2019
- ca12. Papantoniou P., D. Pavlou, Yannis G., Vlahogianni, E., "**How an unexpected incident affects speed related driving performance measures**", Mobil.TUM -

International Scientific Conference on Mobility and Transport Urban Mobility – Shaping the Future Together, Munich, June 2018

- ca11. Yannis G., Papantoniou P., Antoniou C., Pavlou D., Papadimitriou E., **"Investigating the different distraction mechanism between cell phone use and conversation with the passenger, through a driving simulator experiment"**, 1st International Conference on Transport and Health, London, July 2015
- ca10. Papantoniou P., Antoniou C., Yannis G., Papadimitriou E., Pavlou D., Golias J., **"How cell phone use affects reaction time of older drivers"**, 1st International Conference on Transport and Health, London, July 2015
- ca9. Pavlou D., Papantoniou P., Papadimitriou E., Vardaki S., Economou A., Yannis G., Papageorgiou S.G., **"How drivers with brain pathologies deal with in-vehicle distraction, what are their emotions and driving habits: a questionnaire assessment"**, 1st International Conference on Transport and Health, London, July 2015
- ca8. Papantoniou P., Kafe A., Papantoniou I., **"Developing a brand new multifunctional green park outside Kalamata, Greece"**, 1st International Conference on Transport and Health, London, July 2015
- ca7. Yannis G., Andronas N., Beratis I., Papantoniou P., Papadimitriou E., Pavlou D., Antoniou C., Golias I., Papageorgiou S.G., **"Cerebral diseases and distractibility while driving"**, 1st Congress of the European Academy of Neurology, Berlin, June 2015
- ca6. Kontaxopoulou D., Beratis I., Fragkiadaki S., Androna N., Papantoniou P., Vardaki S., Papatriantafyllou J., Economou A., Papageorgiou S.G., **"Assessing incidental memory in cognitively intact individuals versus patients with Mild Cognitive Impairment (MCI)"**, 1st Congress of the European Academy of Neurology, Berlin, June 2015
- ca5. Beratis I., Fragkiadaki S., Kontaxopoulou D., Andronas N., Bonakis T., Economou A., Papantoniou P., Yannis G., Papageorgiou S.G., **"Relationship between sleep disorders and driving behavior of people with mild cognitive impairment"**, 27th panhellenic conference of Greek neurologists, Alexandroupoli, June 2015
- ca4. Adronas N., Beratis I., Kontaxopoulou D., Fragkiadaki S., Stamelou M., Bonakis T., Economou A., Papantoniou P., Yannis G., Stefanis L., Papageorgiou S.G., **"Walking in a direct line as a prognosis indicator of fitness to drive in Parkinson disease patients"**, 27th panhellenic conference of Greek neurologists, Alexandroupoli, June 2015
- ca3. Beratis I., Andronas N., Kontaxopoulou D., Fragkiadaki S., Liozidou A., Economou A., Papatriantafyllou J., Papantoniou P., Stefanis L., Yannis G., Papageorgiou S.G.,

- "Motor abilities and driving performance in Parkinson's disease (PD)"**, Annual Meeting of the American Academy of Neurology, Washington DC, April 2015
- ca2. Broughton J., Yannis G., Evgenikos P., Papantoniou P., Thomas P., Kirk A., **"Comparative analysis of Road Safety of the Elderly in Europe"**, Mobility and Road Safety in an Ageing Society, Vienna, June 2013
- ca1. Yannis G., Papageorgiou S.G., Economou A., Papadimitriou E., Papantoniou P., Pavlou D., Golias J., **"A large driving simulator experiment on Driving Distraction"**, Mobility and Road Safety in an Ageing Society, Vienna, June 2013

8.3 Presentations in Conferences and Seminars

- co39. Participation and presentation titled **"Road safety in Greek islands"** in the online workshop organised by Union of Young Local Authorities of Greece (ENA) in cooperation with road safety institute Panos Mulonas (Virtual, 23 June 2021)
- co38. Participation and presentation titled **"Security of Critical Infrastructure of the Transport Sector"** at the 4th Annual Conference titled "Targeted Actions to Increase the Protection of Nationally Characterized European Infrastructures - EFSA 2021" (Virtual, 23 June 2021)
- co37. Participation and presentation titled **"Electromobility in Greece: Society, Spatial Planning & Environment"** at the workshop organized by the Institute of Alternative Citizens ENA (Virtual, 10 May 2021)
- co36. Participation and presentation titled **"Pioneering Solutions for the Smart City Challenge"** in the event organised by the PIONEER Alliance, (Virtual, 15 April 2021)
- co35. Participation and presentation titled **"Electric and Micromobility forum – Powering the electric future"** in the event organised by SmartPress company and gelectric.gr website (virtual, 31 March 2021)
- co34. Participation and presentation titled **"Interregional Learning Workshop (ILW) on electromobility"** in the workshop organised by Region of Attica within the framework of the e-MOPOLI project (Virtual, 23 March 2021)
- co33. Participation and presentation titled **"Positions and contrasts for a discreet and democratic use of the public space"** in the event organised by Alliance for a progressive TEE (Virtual, 3 February 2021)
- co32. Participation and presentation titled "The Role of regional authorities in the development of the electric network" at the 4th Electricity Conference organized

- by the Hellenic Association for Energy Economics (HAEE) (Virtual, 20 January 2021)
- co31 Participation and presentation titled "**Critical issues and priority actions for road safety in Greece**", at the Rhodes' Rescuers Webinar "Road accidents: Don't just observe – Act" (December 2020).
- co30. Participation and presentation titled "**SWOT analysis for electric mobility in Athens**" at the 6th ITS Hellas Virtual Conference (Virtual, 14-15 December 2020)
- co29. Participation and presentation titled "**Προκλήσεις και Ευκαιρίες στις Μεταφορές και την Εφοδιαστική Αλυσίδα για την Ελλάδα**" at the 6th ITS Hellas Virtual Conference (Virtual, 14-15 December 2020)
- co28. Participation and presentation titled "**The position of the Hellenic Institute of Transportation Engineers in traffic education**" at Road Safety Culture, Yesterday-Today-Tomorrow, organised by LaHeRS (20-21 November 2020)
- co27. Participation and presentation titled "**Investigation of the effect of mixed traffic conditions of autonomous vehicles and human drivers in motorways**" at the International Multidisciplinary Traffic Safety Virtual Conference, organised by the Hellenic Association of Driving Instructors together with Key Transportation Organisations in Greece (29-30 May 2020).
- co26. Participation and presentation titled "**International Environmental Pricing Experience in Transport**" at the International Multidisciplinary Traffic Safety Virtual Conference, organised by the Hellenic Association of Driving Instructors together with Key Transportation Organisations in Greece (29-30 May 2020).
- co25. Participation and presentation titled "**Evaluation and improvement of driver behavior and safety through mobile phone application**" at the International Multidisciplinary Traffic Safety Virtual Conference, organised by the Hellenic Association of Driving Instructors together with Key Transportation Organisations in Greece (29-30 May 2020).
- co24. Participation and presentation titled "**Ευφυή Συστήματα Μεταφορών στην Ελλάδα της επόμενης δεκαετίας: Οι θέσεις του Συλλόγου Ελλήνων Συγκοινωνιολόγων**" στην 5^η Διημερίδα του Οργανισμού ITS Hellas με τίτλο Ευφυή Συστήματα Μεταφορών και εξελίξεις στην Ελλάδα που διοργανώθηκε στο Υπουργείο Υποδομών και Μεταφορών (Αθήνα, 18 Δεκεμβρίου 2019)
- co23. Participation and presentation titled "**Sustainable Urban Mobility in Smart Cities**" in the Conference titled "Urban Development and Circular Economy" organised by Urban Growth in the Maroussi Plaza Amphitheater (Athens, 11 December 2019)
- co22. Participation and presentation titled "**Route choice survey on bicyclists' preferences**" in the workshop titled "Towards a National Strategy for the bicycle

- in Europe organised by the ministry of Environment and Energy (Athens, 23 October 2019)
- co21. Participation and presentation titled "**Human like Autonomous Vehicles**" in the Eurotech PostDoc workshop (Lausanne, 23-25 September 2019)
- co20. Participation and presentation titled "**Sustainable Urban Mobility Plans: Challenges, Opportunities and Threats**" in the workshop titled «Sustainable Mobility in Kalamata» (Kalamata, 13 June 2018)
- co19. Participation and presentation titled "**Safety of Road Transport in Greece**" at the 17ⁿ Pan-hellenic Conference of Chambers organized by the Chamber of Voiotia and EESYM (Livadeia, 2 June 2018)
- co18. Participation and presentation titled "**The positions of Hellenic Institute of Transportation Engineers on Road Safety**" at the "Road of Life" Road Safety Conference, organised by the Municipality of Hersonissos (International Exhibition Center of Crete, Gournes, 2-3 March 2018)
- co17. Participation and presentation titled "**The NTUA Road Safety Observatory**" at the "Road of Life" Road Safety Conference, organised by the Municipality of Hersonissos (International Exhibition Center of Crete, Gournes, 2-3 March 2018)
- co16. Invited speaker with a presentation titled "**The positions of Hellenic Institute of Transportation Engineers on Road Safety**" in the workshop titled «Prevention and treatment of road accidents» organised by the Panhellenic Association for the Prevention of Traffic Accidents (Megalopolis, 4 February 2018)
- co15. Invited speaker with a presentation titled "**The positions of Hellenic Institute of Transportation Engineers on Road Safety**" organised by the Panhellenic Association for the Prevention of Traffic Accidents (Athens, 23 January 2018)
- co14. Invited speaker with a presentation titled με τίτλο "**The positions of Hellenic Institute of Transportation Engineers on Road Safety**" in the workshop titled «Road safety in Greece – From the past to the future » organised by the Unisteel company (Athens, 13 December 2017)
- co13. Invited speaker with a presentation titled "**Road Safety as an Index of a Sustainable city**" in the conference titled "Improve everyday life in the city, move safely, care the environment" organised by the municipality of Kalamata (Kalamata, 26 November 2017)
- co12. Participation and presentations titled "**Problems and solutions for youth's road safety in Greece and Europe**" within the framework of the European Project YEARS for road safety of Young people organised by ETSC at the Amphitheater of Greek Car Museum (Athens, 12 June 2017)

- co11. Participation and presentations titled "**Characteristics and measures of road accident reduction**", at the Workshop titles "Road Safety Culture" organised by TEI Crete (Herakleion, 29 May 2017)
- co10. Presentation titled "**Development of Sustainable Urban Mobility Plans in University Campuses in MED Countries**" at the 1st European Conference on Sustainable Mobility at Universities organised within the framework of the U-MOB LIFEproject (Barcelona 8-10 March 2017)
- co9. Participation and presentations titled "**Autonomous vehicles safety challenges**" at the 2nd Interdisciplinary Road Safety Conference (Athens, 7-9 January 2017)
- co8. Participation and presentations titled "**The role of driving instructors on mixed traffic of autonomous and not-autonomous vehicles**" at the 2nd Interdisciplinary Road Safety Conference (Athens, 7-9 January 2017)
- co7. Participation and presentation titled "**Assessing driving ability of older drivers**" at the 6th Conference of Applied Neuroscience (Corfu, 6-9 October 2016)
- co6. Participation and presentation titled "**The driving simulator as driving behavior assessment tool**" at the 5th Panhellenic Interdisciplinary Conference of Special Psychiatric Hospitals (Kalamata, 1 October 2016)
- co5. Participation and presentation titled "**Characteristics and measures of road accidents**", at the workshop for driving and traffic behavior instructors - the primal sector for road safety, organized by the Panellenic Federation of Driving Instructors (Athens, 23 April 2016)
- co4. Participation and presentation titled "**New challenges to urban road safety**" at the round table titled: "Towards a smart city" within the Conference "Imagine the city" (Kalamata, 31 October 2015)
- co3. Participation and presentation titled "**Prospects of employment in Academic and research areas**" at the conference organized by IEK AKMI within the framework of Career days (Piraeus, 9 June 2015)
- co2. Participation and presentation titled "**Policies and measures of road accidents**" at the workshop organized by the Police Department of Messinia (Kalamata, 17 September 2014)
- co1. Participation and presentations titled "**Road safety of vulnerable road users**", "**Road safety enforcement**", "**Speed Management**" in the road safety workshop, organised by the Hellenic Chambers Transport Association, the Road Safety Institute "Panos Mylonas", the Chania Chamber of Commerce and Industry and the Municipality of Rethumno. (Rethumno, 14 November 2013).

9. OTHER ACTIVITIES

- o4. Organisation of the "**1st Road Safety Festival**" in cooperation with the Road Safety Institute "Panos Mylonas", the Municipality of Kalamata and the scientific contribution of the Department of Transportation Planning and Engineering of NTUA (10-11 October 2014)
- o3. Organisation of the action "**Driving and alcohol**" in cooperation with the Road Safety Institute "Panos Mylonas" and the Police Department of Messinia (November 2015, November 2016, November 2017)
- o2. Volleyball player, A₂ National League
- o1. Articles in newspapers and magazines