Evangelos Bekiaris

Dr. Mechanical Engineer
National Technical University of Athens

Date of birth	18.12.1965
Marital status	Divorced, 2 children
Business Position	Director of the Hellenic Institute of Transport, which is part of the Center for Research and Technology Hellas
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	52, Egialias str., Marousi, 15125, Greece
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STUDIES

06.1995 PhD from the National Technical University of Athens, Mechanical Engineering Department, with the title "Optimization in Mechanical Design".

07.1988 BSc from the National Technical University of Athens, Mechanical Engineering Department. First student of the class in all five years. Scholarships from the Greek government, the Engineers Chamber of Commerce and Samaras Foundation.

CURRENT POSITIONS

11.2019- Member of the National Council for Research and Innovation (N.C.R.I.), since 2019 (http://www.esek.org.gr/).

11.2019- National Representative in the European Commission Climate Neutral and Smart Cities Mission Board of Horizon Europe (HE)

https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/mission-area-climate-neutral-and-smart-cities_en

10.2019- Participation in the Plenary Board and the WG1 (Develop an EU agenda for testing) of the Cooperative, Connected, Automated and Autonomous Mobility (CCAM) Single Platform

06.2019- President of the European Organization EURNEX (EUropean rail Research Network of EXcellence, http://www.eurnex.org).

01.2019 - President of the European Conference of Transport Research Institutes (ECTRI - www.ectri.org).

01.2018- Co-Chair of the Pre-Meeting of National Delegates (TransPreM) of the H2020 Societal Challenge 4 "Smart, Green & Sustainable Transport"

09.2018 - today Chair of the A0010 International Activities Council Sub-Committee (0010-1): Engage Non-U.S. Colleagues and Partners & Leverage Bilateral International Cooperative Benefits through Convening Activities of the Transportation Research Board (TRB - http://www.trb.org)

02.2016 - ***Director of the Hellenic Institute of Transport of the Centre for Research and Technology Hellas of the General Secretariat of Research and Development, Ministry of Development and Investments*** (www.imet.gr).

02.2014 - National Representative for the HORIZON 2020, Smart, Green and Integrated Transport Programme Committee.

FOREIGN LANGUAGES

English (Excellent, Cambridge Proficiency)

German (Very good, Mittelstuffe, Goethe Institut)

French (Good)

PROGRAMMING LANGUAGES

Fortran, Unix, C, C++

ACADEMIC ACTIVITIES

05.2017 Participation in the PhD program "Humanities and Technologies: an integrated research path" of the University "Suor Orsola Benincasa", in Napoli, Italy.

05.2015 Academic lecture entitled "Advanced Driver Assistance Systems" in the context of the Master's training seminar with subject "Applications of Intelligent Transport Systems in Greece", Civil Engineers, Aristotle University of Thessaloniki.

01.2015 Academic lecture entitled "Human-Computer Interaction (HCI) – Human Principles in Digital Systems", in the context of the Postgraduate Program "Technical-economic Management and Digital Systems Security in the Department of the "Technical-economic Management of Digital Systems", University of Piraeus.

05.2014 Academic lecture entitled "Advanced Driver Assistance Systems" in the context of the Master's training seminar with subject "Applications of Intelligent Transport Systems in Greece", Civil Engineers, Aristotle University of Thessaloniki.

01.2014 Academic lecture entitled "Intelligent Transport Systems and Services", for the course "Modern Telecommunication Technologies", Postgraduate Programme of the Department of Digital Systems, University of Piraeus.

07.2008 - 2013 ***Visiting Professor*** in the School of Civil Engineering and Geosciences of the ***University Newcastle upon Tyne, UK.***

2003 -2011	Lecturer of the module "Application of IST in Transport" of the postgraduate course "Design, Organization and Management of Transport Systems" at the Aristotle University of Thessaloniki (AUTh).
05.2011	Visiting Lecturer at Universidad Politecnica de Madrid, Escuela Tecnica Superior de Ingenieros de Telecommunication.
11.2008 - 12.2009	***Visiting Professor*** at the Department of Mechanical and Structural Engineering of ***University of Trento, Italy.***
01.2006 - 04.2006	Lecturer in the specialization programme of the University of Macedonia entitled "Pedagogical and Psychological Education of Traffic Tutors".
2004	Lecturer within the project entitled «Human Network for the promotion and support of road safety», coordinated by CERTH/HIT. Lecture themes: «Advanced Driver Assistance Systems and safety», «Problems of elderly drivers», «Market status on driving simulators».
2002	Responsible and lecturer of the module "Application of IST in Transport" of the postgraduate course "Design, Organization and Management of Transport Systems" at the Aristotle University of Thessaloniki (AUTh).
1991 -1996	Lecturer of the following modules in the National Technical University of Athens (NTUA): a. "Analysis of Mechanical structures", 8th semester of the Mechanical Engineering course b. "Engineering Design", 9th semester of the Mechanical Engineering course c. "Mechanisms", 3rd semester of the Mechanical Engineering course

MEMBER IN TRIBUNAL COMMITTEES

06.2019	Member of the Three-member Advisory Committee of Ph.D. Candidate Pouliou Anna, supervised by Ms. Kechagia Fotini of the School of Engineering, Aristotle University of Thessaloniki, Department of Civil Engineering.
02.2018	Member of the Advisory and Tribunal Committee of the Doctoral Thesis "Impact of personalized multimodal travel-companion on mobility and safety" of Mrs. Eleni Chalkia at the National Technical University of Athens (NTUA), Faculty of Civil Engineering.
12.2017	Member of the Tribunal Committee of the Doctoral Thesis " Development of a CO2 Emissions Quantification Tool for Road Transport – Connecting Detailed Vehicle Simulation & Macro Emission Tools" of Mr. Stefanos Tsiakmakis at the Aristotle University of Thessaloniki, Faculty
11.2017	Member of the Advisory and Tribunal Committee of the Doctoral Thesis "The assessment of the driving capability of patients with dementia" of Mrs. Katsouri Ioanna-Giannoula at the Aristotle University of Thessaloniki, Faculty of Health Sciences - Medical Department.
09.2017	Member of the Tribunal Committee of the Doctoral Thesis "Successful pathways to decarbonise the European car fleet – Future perspectives" of Mr. Arne Höltl at the Faculty of Economic and Social Sciences & Solvay Business School (VUB).
06.2016	Member of the Tribunal Committee of the Doctoral Thesis "Optimization of the Anti-Fouling Design of Hybrid Vehicles" of Mrs. Theodora Zaharopoulou at the Aristotle University of Thessaloniki, Department of Mechanical Engineering.

03.2014	Member of the Tribunal Committee of the Doctoral Thesis "A model to develop a platform for personalized health applications" of Dario Salvi, Universidad Politécnica de Madrid, Escuela Técnica Superior de Ingenieros de Telecomunicación.
07. 2013	Member of the Tribunal Committee of the Doctoral Thesis entitled "Electrifying cars: the economic potential of electric vehicles" of Mr. Kenneth Lebeau at the Vrije Universiteit Brussel, in Brussels.
05.2013	Member of the Advisory and Tribunal Committee of the Doctoral Thesis entitled "Modeling of driving behaviour in driving simulator and correlation with real traffic conditions" of Mrs. Maria Gemou at the Aristotle University of Thessaloniki, Civil Engineering Department, Division of Transport, Infrastructure, Management and Regional Planning Engineering.
12.2011	Member of the Tribunal Committee of the Doctoral Thesis entitled "Evaluation of information systems to optimize traffic management by simulating the behavior of drivers and traffic education" of Mr. Charalampos Petamidis at the University of Thessaly, Department of Civil Engineering.
05.2011	Member of the Tribunal Committee of the Doctoral Thesis entitled "Reference Conceptual Framework for Personalized Integrated Infomobility Services" of Mrs. Laura Pastor Sanz at the Universidad Politecnica de Madrid, Escuela Tecnica Superior de Ingenieros de telecommunication.
11.2010	Member of the Tribunal Committee of the Doctoral Thesis entitled "Transportation of Dangerous Goods in Greece: Impacts on designing crucial transportation infrastructures and training dangerous good drivers" of Mr. E. A. Zacharis at the Aristotle University of Thessaloniki, Civil Engineering Department, Division of Transport, Infrastructure, Management and Regional Planning Engineering.
04.2009	Member of the Tribunal Committee of the Doctoral Thesis entitled "Representation, Interpretation and Learning of Job streams based on Activities for the standardization of Clinical Routes" of Mr. Carlos Fernandez Llatas at the Universidad Politecnica de Valencia, Departamento de Sistemas Informáticos y Computación.
02.2008	Member of the Advisory and Tribunal Committee of the Doctoral Thesis entitled "Advanced, personalized travellers information and warning system' of Mrs. Maria Panou at the Aristotle University of Thessaloniki, Civil Engineering Department, Division of Transport, Infrastructure, Management and Regional Planning Engineering.
10.2004	Member of the Tribunal Committee of the Doctoral Thesis entitled "Cooperative assistance model for the provision of integrated personalized services for independent living" of Mr. Juan Luis Villalar Gonzalez at the Universidad Politecnica de Madrid, Escuela Tecnica Superior de Ingenieros de telecommunication
12.2003	Member of the Tribunal Committee of the Doctoral Thesis entitled "Modelo de arquitectura para sistemas demoticos orientado a personals con necesidade especiales mediante la aplicacion de criterios de diseno para todos" of Mr. Alejandro Rodriguez Ascaso at the Universidad Politecnica de Madrid, Escuela Tecnica Superior de Ingenieros de Telecomunicación.

11.1998	Member of the Tribunal Committee of the Doctoral Thesis entitled "Application of Neural Networks in driver drowsiness tracking systems" of Mr. Neil Hernandez at the Laboratoire d'Analyse et d'Architecture des Systèmes du Centre National de la Recherche Scientifique of France.

PAST NATIONAL REPRESENTATION

11.2004 - 2007	National Representative in the European Road Transport Research Advisory Council (ERTRAC).
10.2004 - 2007	Deputy National Representative of "Sustainable Development, Global Change and Ecosystems, Sustainable Transportation Programme" of FP6.
11.2002 - 2007	Member of the Programme Committee "TRANSPORT" of DG Research of the European Commission.
07.2005	Committee Member of General Secretariat for Research & Technology (GSRT) for shaping Greek positions for the 7th FW.
06.2002	Member of the "Transport" Working Group of the project "Technology Foresight" of the Greek General Secretariat of Research and Technology (GSRT).
06.2002	Member of the Working Group "Health" of the project "Technology Foresight" of the Greek General Secretariat of Research and Technology (GSRT).

EVALUATOR OF RESEARCH PROGRAMMES

08.2017	Chair of the evaluation committee of the thematic sector: "Transport & Supply Chain" of the proposals submitted to the I & III interventions under the Operational Program "EREVNW – DHLIOURGW – KAINOTOMW of the Greek General Secretariat of Research and Technology
08.2016	Chair of the evaluation committee for the thematic section "Transport & Supply Chain" for the proposals submitted to Interventions I & III of the "Competitiveness, Entrepreneurship and Innovation" (EPAnEK) Operational Programme.
08.2016	Expert Evaluator of research proposals submitted to the National Open Call for Industry Driven Research, the Central Finance and Contracting Agency (CFCA).
09.2015	Expert Evaluator of the research proposal "EMPARCO" entitled "Parking management under restrictions" in the context of "ARISTEIA II" of the National Program "Education and Lifelong Learning".
04.2015	Expert Evaluator of the research proposal "Identification of Vulnerable Road Users to Reduce Accidents using Multi-model algorithms in Car Radar" in the context of the Action "Internal Program for Researchers Support of the Technological Institute of Athens for the Year 2015".
03.2014	Expert Evaluator in "R&D Cooperation Greece-Israel 2013-2015" project proposal submitted to the Greek General Secretariat of Research and Technology.
06 -	Scientific reviewer of research project proposals for the Croatian Science

07.2011	Foundation, June-July 2011.
04.2010	Expert Evaluator of research projects for the UK government, EPSRC program.
05.2006	Expert Evaluator regarding R&D proposals submitted to FP6 Call 6, Strategic Objective 2.6.2 “Ambient Assisted Living for the ageing society”.
11.2002	Expert Evaluator regarding R&D proposals submitted to P.A.V.E.T. programme of the Greek General Secretariat of Research and Technology (GSRT).
05.2002	Expert Evaluator regarding R&D proposals submitted to key action "Ageing Population and Disabilities", action line 6.4 “Coping with functional limitations”, of the "Quality of Life" programme of the European Commission.
11.2000	Expert Evaluator regarding R&D proposals submitted to “Sustainable Mobility and Intermodality” Key Action of the “Competitive and Sustainable GROWTH” programme of DG TREN of the European Commission.
10.2000	Expert Evaluator regarding R&D proposals submitted to SME-specific measures under the thematic programme “Quality of Life and Management of Living Resources, Key actions 2, 6 – Generic Activities and Infrastructures” of the European Commission.
05.2000	Expert Evaluator regarding the key action "The Ageing Population and Disabilities" of the Quality of Life Programme of the European Commission.

MEMBER OF BOARDS OF SCIENTIFIC JOURNALS

11.2018-	Member of the Editorial Board of the International journal of Intelligent Transportation System Research (http://ojs.bbwpublisher.com/index.php/ijitsr)
10.2015-	Member of the Scientific Editorial Board of the “International Journal of Driving Science - Driver-Vehicle Systems in Advanced Environments (IJDS)”.
05.2015-	Reviewer of articles of “The Journal of Systemics, Cybernetics, and Informatics (JSCI)” (www.iiisci.org/Journal/SCI/Contents.asp)
05.2015-	Reviewer of articles of the “World Journal of Computer Application and Technology” (www.hrpub.org/journals/jour_info.php?id=37)
01.2015	Reviewer of articles of the journal “Gerontology - International Journal of Experimental, Clinical, Behavioural and Technological Gerontology” (http://www.karger.com/Journal/Home/224091)
07.2013-	Advisory Group Member of the scientific journal “European Transport Research Review”, ETRR (www.springer.com/12544).
04.2013-	Member of the co Editorial Board of the Journal Digital Signal Processing (JDSP) (www.bowenpublishing.com/jdsp/)
12.2012-	Member of the Editorial Board of Elsevier Editorial System (EES) - the online submission and peer review tracking system for Transportation Research Part F: Traffic Psychology and Behaviour (www.elsevier.com).
12.2012-	Member of the Editorial Board of “Journal of Accessibility and Design for All – JACCES (ISSN 2013-7087)” journal (www.jacces.org).
12.2011-	Member of the Editorial Board of “Securitas Vialis”, a European Journal of Traffic, Transport and Road Safety published by Springer, (www.securitasvialis.com).

02.2010-	Reviewer of submitted papers for the "IET Intelligent Transport Systems" journal (digital-library.theiet.org/content/journals/iet-its).
04.2009 -	Member of the Editorial Board "IEEE Transactions on Control Systems Technology", IEEE Control Systems Society publications.
04.2009-	Member of the Editorial Board of "IEEE Transactions on Intelligent Transportation Systems and Intelligent Transportation Systems Magazine" (ieee.org)
04.2009	Evaluator of manuscripts of the "IEEE Transactions on Control Systems Technology" Journal, IEEE Control Systems Society publications.
04.2008-12.2013	***Editor-in-Chief of the scientific journal "European Transport Research Review", ETRR*** (www.springer.com/12544).
03.2007-	Referee for the Pattern Analysis and Applications Journal (www.paaonline.net), Springer-Verlag.
10.2005 -	Associate Editor for the "Engineering Letters" Journal, ISSN 1816-093X, published by the International Association of Engineers.
10.2005 -	Member of the international editorial board of the "CyberPsychology, Behavior & Social Networking" Journal.
02.2005-	Member of the Editorial Board of the "International Journal of Vehicle Design".
12.2004-	Member of the Editorial Board of the "IEEE Engineering in Medicine and Biology Society, Transactions on Information Technology in BioMedicine" Journal.
2004	Guest Editor of Neuro-psychiatric Vol.18, No. S2-2004, "e-Ment@l He@lth: Challenges for the future"Dustri-Verlag Dr. Karl Feistle, ISSN 0948-6259.
12.2003 - 2006	Member of the International Editorial Board of the Lithuanian Journal "Sveikatos Mokslai" (Health Sciences).

MEMBER OF STANDARDIZATION COMMITTES

09.2014 -	Member of the Technical Committee ELOT / TE100 "Accessibility and Design for All".

FIELDS OF EXPERTISE

- Transport Automation (of all modes)
- Telematics Applications for Transport
- Road Safety
- Impact of Transport Digitalisation & Automation to the Transportation Workforce
- Mobility and independent living of elderly and people with disabilities
- Environmental control systems
- Project Management

PAST PROFESSIONAL EXPERIENCE

10.2005-02.2016	Research Director in the Hellenic Institute of Transport of the Centre for Research and Technology Hellas of the General Secretariat of Research and Development, Ministry of Education (www.hit.certh.gr).
10.2016-06.2019	Leader of Pole 10 - Training and Education of the European Rail Research Network of Excellence (EURNEX - www.eurnex.org).
2014-2017	Member of the Sectorial Scientific Council of Engineering Science of the Hellenic General Secretariat for Research and Technology.
2014-2017	***Vice President of European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE).***
03.2013-03.2016	Secretary General of the Hellenic Institute of Electric Vehicles, HELIEV (www.heliev.gr).
2013-2015	Member of the Transport Research and Innovation Roadmap Committee of the "Network of Business and Technological Innovation" of the Hellenic Industries Association (DETEP).
11.2012-11.2015	***President of the European Association HUMANIST, European Centre of Excellence in Human Machine Interaction (HMI) in Transport (www.humanist-vce.eu).***
2012-03.2015	Board member of the Greek Researchers' Association (www.eee-researchers.gr)
08.2010 - 02.2014	Member of Board of European Association for Battery, Hybrid and fuel cell Electric Vehicles (AVERE - www.avere.org)
04.2010-03.2013	Member of the Board of the Hellenic Institute of Electric Vehicles, HELIEV (www.heliev.gr).
06.2008 – 10.2011	***Chairman of the "Forum of European Road Safety Research Institutes", FERSI*** (www.fersi.org).
03.2001 - 09.2005	Principal Researcher in the Hellenic Institute of Transport of the Centre for Research and Technology Hellas of the Ministry of Education.
03.2000 - 01.2005	Technical Consultant in ELPA regarding Telematics Applications for Transport.
01.1999 - 03.2001	Researcher in the Transport Engineering Laboratory of the Aristotle University of Thessaloniki.
01.1997 - 02.2000	Director of the Design, Development and Application of new Telematics Applications in Transport department in the company "Transeuropean Consulting Unit of Thessaloniki S.A".
01.1997 - 12.1999	Principal Advisor in "Transport Research and Development S.A." for the coordination of 6 research projects.
01.1997 - 12.1998	Consultant of company "KATRIS Bros" for the coordination of 2 research projects.
01.1996 - 12.1996	R&D Group Leader in "HELGECO S.A."
01.1992 -	External R&D Expert in "HELGECO S.A."

01.1996

03.1991 - 12.1996 Research and Teaching Associate in Mechanical Design and Control Systems Section of N.T.U.A.

02.1991 - 12.1996 R&D Consultant in the Vehicle adaptation industrial firm "N. PORTOULIS S.A.", involved in 3 R&D projects concerning development of innovative vehicle subsystems and other prototype structures.

03.1989 - 02.1991 Research Engineer in the industrial car adaptation firm "PROTECH S.A.", involved in 2 R&D projects concerning car adaptations.

AWARDS

2010 | ***3rd Best ICT project prize for 2010 for SAFERIDER project***, the only award given in the Safety & Security area, during the ICT Event 2010 in Brussels, on 27-29 September, 2010.

PATENTS

Bekiaris, E., Kalogirou, K. (2013, October). METHOD OF TRANSFERRING MESSAGES REGARDING THE CURRENT STATE OF THE GRAPHICAL ENVIRONMENT OF A SOFTWARE APPLICATION ON TERMINALS. N. 1008046, Industrial Property Organisation.

MILITARY SERVICE

09. 1988 – 09. 1990 | Officer of the Greek Air Forces

INDUSTRIAL PROTOTYPES & PRODUCTS

1. Redesign and approval of a new VOLVO Bus frame by SARAKAKIS S.A. (1994).

2. Development of a prototype mechanical and low cost solution for the active steering of all axles of heavy-duty semi-trailers for N. PORTOULIS S. A. (1992).

3. Development of an engineering solution for VW GOLF CABRIOLET version that was approved by VW AG (1990).

RESEARCH PROJECTS

Since 2001 he has attracted in CERTH/HIT research funds from over 100 EC co-funded projects - industrial contracts. ***Since 2001 until February 2016 (when his directorship in CERTH/HIT started) he has attracted and managed research projects and services of a total of 25, 45 Million Euros for CERTH/HIT.***

Project Coordinator in 18, Technical Manager in 16, Administrative Coordinator in 3, Quality Manager in 5 and participation in other 63 Research Projects:

1. **Technical Coordinator** of the European co-funded research project SHOW (SHared automation Operating models for Worldwide adoption), aiming to support the migration path towards affective and persuasive sustainable urban transport through technical solutions, business models and priority scenarios for impact assessment, by deploying shared, connected, electrified fleets of autonomous vehicles in coordinated Public Transport (PT), Demand Responsive Transport (DRT), Mobility as a Service (MaaS) and Logistics as a Service (LaaS) operational chains in real-life urban demonstrations all across Europe.
2. **Technical Coordinator** of the European co-funded research project Drive2theFuture (H2020-815001), aiming to prepare "drivers", travellers and vehicle operators of the future to accept and use connected, cooperative and automated transport modes and the industry of these technologies to understand and meet their needs and wants.
3. Participation in the TRA VISIONS 2020 European project (H2020- 824293), aiming to the organisation of two competitions for transport research awards to be announced at the TRA conference in 2020: (1) a young researcher competition with the goal of stimulating the interest in the field of sustainable transport among young researchers and students and (2) a competition for senior researchers in the field of innovative transport concepts based on results only from EU-funded projects
4. Participation in the European co-funded research project AVENUE (H2020-769033) - Autonomous vehicles to evolve to a new urban experience. AVENUE aims to design and carry out full scale demonstrations of urban transport automation by deploying, for the first time worldwide, fleets of autonomous mini-buses in low to medium demand areas of 4 European demonstrator cities: Geneva, Lyon, Copenhagen and Luxembourg, and 3 replicator cities.
5. Participation in MyTrac project, aiming to develop a novel transport services platform for the rail sector, designed for public and private transport users and operators in order to provide an improved passenger experience by developing and applying advanced behavioural and transport analytics and Artificial Intelligence algorithms to meaningful data gathered from diverse public transport and Open Data sources.
6. Participation in FENIX project, aiming to demonstrate a set of innovative business models through a multi-functional and multi-sectorial manufacturing centre constituted by several existing pilot plants coming from previous European projects.
7. Participation in SAFESTRIP project, aiming to introduce a disruptive technology that will achieve to embed C-ITS applications in existing road infrastructure, including novel I2V and V2I, as well as VMS/VSL functions into low-cost, integrated strips markers on the road; to make roads self-explanatory and forgiving for all road users (trucks, cars and vulnerable road users, such as PTWs riders) and all vehicle generations (non-equipped, C-ITS equipped, autonomous), with reduced maintenance cost, full recyclability and added value services, as well as supporting real-time predictive road maintenance functions.
8. Participation in MyCorridor project, aiming to facilitate sustainable travel in urban and interurban areas and across borders by replacing private vehicle ownership by private vehicle use, as just one element in an integrated/multi-modal MaaS chain, through the provision of an innovative platform, based on mature ITS technology, that will combine connected traffic management and multi modal services and thus facilitate modal shift.
9. Participation in ACTIVAGE project (H2020: 732679), aiming to prolong and support the independent living of older adults in their living environments and responding to real needs of caregivers, service providers and public authorities, through the

deployment of innovative and user-led large scale pilots across nine Deployment Sites in seven European countries based on the IoT technologies.

10. **Coordinator** of ODYSSEUS national research project, aiming to realise a modern and digital intelligent automation, which will work as an intelligent ecosystem for the optimum design and development of integrated solutions and automated processes, in order to ensure the smooth transition of the research and production activities of CERTH partners within the new technological framework "Factory of the Future", for the benefits of the centre's collaborators (public sector, enterprises, industry etc.) in Greece and internationally.

11. **Technical Coordinator** of SKILLFUL project (H2020:723989), aiming to identify the skills and competences needed by the Transport workforce of the future (2020, 2030 and 2050 respectively) and define the training methods and tools to meet them.

12. Participation in AUTOPILOT project (H2020:731993), aiming to bring together relevant knowledge and technology from the automotive and the IoT value chains in order to develop IoT-architectures and platforms which will bring Automated Driving towards a new dimension.

13. **Technical Coordinator** of ADAS&ME project (H2020:688900), aiming to develop Advanced Driver Assistance Systems (ADAS) that will incorporate driver/rider state, situational/ environmental context and adaptive interaction, to automatically transfer control between vehicle and driver/rider and thus ensure safer and more efficient road usage for all vehicle types (conventional and electric car, truck, bus, motorcycle).

14. Participation in CARTRE project (H2020:724086), aiming to accelerate development and deployment of automated road transport by increasing market and policy certainties.

15. Participation in SMILE project, aiming to demonstrate, system-wide in real-life operational conditions, a set of both technological and non-technological solutions adapted to local circumstances targeting the distribution grid to enable demand response, smart grid functionalities, storage and energy system integration with the objective of paving the way for their introduction in the market in the near future.

16. Participation in MOBILITY4EU project (H2020:690732), aiming to develop an action plan for the coherent implementation of innovative transport and mobility solutions in Europe, taking into account all modes of transport as well as a multitude of societal drivers encompassing health, environment and climate protection, public safety and security, demographic change, urbanization and globalization, economic development, digitalization and smart system integration.

17. Participation in IN LIFE project (H2020:643442), aiming to prolong and support the independent living of seniors with cognitive impairments, through interoperable, open, personalised and seamless ICT solutions that support the seniors' activities, communication, travel, mobility and socialisation tasks of seniors.

18. Participation in SocialCar project, aiming to develop a new communication network for intelligent mobility, sharing information of car-pooling integrated with existing transport and mobility systems, in order to contribute to the reduction of congestion by improving and maximising connectivity and information in real- time.

19. Participation in RESOLUTE project, aiming at the development of an European system and management guide for Resilient Critical Infrastructure (CI) of the Urban Transport System (UTS).

20. Participation in Prosperity4All Integrated Project (610510), regarding the development of a prosperous and inclusive ecosystem for a ubiquitous auto-

personalization of interfaces and services for all citizens.

21. Participation in Cloud4All Integrated Project (289016), regarding the development of a complete new paradigm in accessibility, by augmenting adaptation of individual ITS products and services with automatic personalization.

22. Participation in FOTsis project (FP7-ICT-2009-6-270447), which is a large scale field testing of the road infrastructure management systems needed for the operation of seven close-to-market cooperative I2V, V2I & I2I technologies (the FOTsis Services), in order to assess in detail both their effectiveness and their potential for a full-scale deployment in European roads.

23. Participation in DECOMOBIL project (FP7-ICT-2011-7-288298), aiming to develop and widely disseminate knowledge in the area of human centred design of ICT for sustainable transport.

24. Participation in EXCROSS project (FP7-TPT-2011-RTD-1-284895), which enhances cross-fertilization and synergies between safety research initiatives in the different transport modes (e.g. road transportation, aviation, etc.).

25. Participation in European research project ETNA (CIP-ICT-PSP-2009-4-270746), regarding a Thematic Network which will facilitate and co-ordinate the implementation of a European Web Portal able to provide information on ICT-based Assistive products, available in Europe, and on related organisations and services.

26. Participation in European research project universAAl (FP7-ICT-2009-4), regarding the production of an open platform that provides a standardised approach making it technically feasible and economically viable to develop Ambient Assisted Living (AAL) solutions.

27. Participation in European research project INTERSTRESS (FP7-ICT-2009-4), regarding designing, development and testing an advanced ICT based solution for the assessment and treatment of psychological stress.

28. **Quality Manager** of VERITAS Project (FP7-ICT-2009.7.2), regarding the development, validation and assessment of tools for built-in accessibility support at all stages of ICT and non-ICT product development, including specification, design, development and testing.

29. Participation in European research project NOBEL (FP7-ICT-2009-4), regarding the development, integration and validation of ICT solutions, enabling a reduction of the currently spent energy, by providing a more efficient distributed monitoring and control system for local network operators and producers.

30. Participation in DETRA project (FP7-TPT.2010-8.-266051), developing a Research Roadmap for Transport Research in Europe.

31. Participation in HERMES project (09ΣΥΝ-52-886), aiming at the assessment of the effect of applications that are provided to the drivers through nomadic devices that are used inside the vehicle with emphasis on their effects to safety and efficiency of transport and mobility.

32. Participation in BESTPOINT project (TREN/SUB/01-2009), which develops best practices on penalty/demerit point systems, in order to develop standardized procedures throughout the European Union.

33. **Technical and Scientific Manager** of REMOTE (AAL-2008-1) Ambient Assisted Living (AAL) Joint Programme on ICT based solutions for prevention and management of chronic conditions of elderly people.

34. **Quality Manager** of SAVE-ME Project (FP7-SST-2008-1-234027), regarding the development of a system that detects disaster events in public transport terminals/ vehicles and critical infrastructures and supports quick and optimal mass evacuation guidance.

35. **Technical Coordinator** of SAFEWAY2SCHOOL Integrated Project (FP7-SST-2008-RTD-1-233967), regarding the development of a holistic and safe transportation service for children, from their door to the school door and vice versa.

36. Participation in 2-BE-SAFE project (FP7-SST-2007-RTD-1-218703), which involves research on motorcycle rider risk awareness and perception, the development of new research tools, in-depth research on factors that underlie driver failures to see PTWs and their riders, and the development of recommendations for practical countermeasures for enhancing PTW rider safety.

37. Participation in 2DECIDE project (TREN/FP7TR/233608), dealing with optimal decision making regarding ITS deployment for road and public transport (timely, cost-effective, interoperable, positive impact to urban and interurban mobility, positive cost/ benefit ratios).

38. Participation in PROLOGUE project (FP7-SST-2008-RTD-1 -233597), regarding the feasibility and usefulness of a large-scale European naturalistic observation study. Based on inventory studies, a series of small-scale field trials, and close involvement of user groups and stakeholders, PROLOGUE resulted in recommendations and an outline for a large-scale naturalistic study.

39. **Coordinator** of AEGIS Integrated Project (FP7-224348), regarding the establishment of open accessibility everywhere: Groundwork, Infrastructure, Standards.

40. **Technical Manager** and **Quality Manager** of ACCESSIBLE Integrated Project (FP7-ICT-2007-2-224145), regarding the development of an harmonised accessibility methodology into accessible software development processes, using significantly better measurement strategies, methodologies, etc.

41. **Quality Manager** of ACTIBIO Project (FP7-ICT-2007-1-215372), regarding the development of an unobtrusive authentication system using activity related and soft biometrics.

42. **Technical Manager** of OASIS Integrated Project (FP7-ICT-2007-1-215754), regarding the development of an open architecture for accessible services integration and standardization.

43. Participation in TELEFOT project (FP7_ICT-2007-2-224067) which involves field operational tests of aftermarket and nomadic devices in vehicles.

44. **Coordinator** of SAFERIDER project (FP7-ICT-2007-1-216355), regarding the use of advanced telematics systems for enhancing the safety and comfort of motorcycle riders.

45. **Technical Manager** of ACCESS2ALL Integrated Project (FP7- SST-2007-RTD-1-218462), regarding the issue of concrete mobility schemes, guidelines and policy recommendations that ensure the accessibility of Public Transport for all users.

46. Participation in DRUID integrated project (FP6-518404) which involves studies for the influence of drugs, alcohol and medicines into driving.

47. **Technical Manager** of CATER project (FP6-2005-IST-5-035030), regarding the development of a computerized automotive technology reconfiguration system for mass customization.

48. **Technical Manager** of TRAIN-ALL project (FP6-2005-Transport-4), regarding the development of a system for driver training and assessment using interactive education tools and new training curricula for all modes of road transport.

49. Participation in PEPPER project (FP6-019744), regarding police enforcement policy and programmes on European roads.

50. Participation in WATCHOVER project (FP6-2004-IST-4- 027014), regarding the development of vehicle-to-vulnerable road user cooperative communication and sensing technologies.

51. Participation in TRACE project (FP6-2004-IST-4-027763), regarding traffic accident causation in Europe.

52. **Technical Manager** of GOODROUTE project (FP6-2004-IST-4- 027873), regarding the development of systems for the dangerous goods transportation routing, monitoring and enforcement.

53. **Technical Manager** of HUMABIO project (FP6-2004-IST-4-026990), regarding human monitoring and authentication using biodynamic indicators and behavioural analysis.

54. Participation in eAbilities project (FP6-IST-035242), regarding the development of a virtual platform to enhance and organize the coordination among centers for accessibility resources and support.

55. Participation in HILAS project (AIP4-CT-2005-0516181), regarding the human integration into the lifecycle of aviation systems.

56. Participation in RIPCORD project (506184) dealing with Road Infrastructure Safety Protection.

57. Participation in Leonardo da Vinci project Happy Tourist (2005 EL/05/B/F/PP-148209), regarding the development of a training methodology and tools for touristic services staff in accessibility issues.

58. Participation in the Integrated Project on Advanced Protection Systems - APROPSYS (FP6-PLT-506503).

59. Participation in Preventive and Active Safety Applications Integrated Project - PREVENT (FP6-507075), regarding the development of ADAS.

60. **Quality Manager** of AIDE Integrated Project (IST-1-507674-IP), dealing with the development of methodologies and human-machine interface technologies required for safe and efficient integration of ADAS, IVIS and nomad devices into the driving environment.

61. Participation in HUMANIST Network of Excellence (507420) dealing with HUMAN centred design for Information Society Technologies.

62. Participation in INTUITION Network of Excellence (507248-2) on virtual reality and virtual environments applications for future workspaces.

63. **Coordinator** of SENSATION Integrated Project (IST-1-507231), regarding the development of advanced micro and nano sensors for attention, stress, vigilance & sleep/wakefulness monitoring.

64. **Technical Manager** of ASK-IT Integrated Project (IST-2003-511298) dealing with the development of an Ambient Intelligence system of agents for knowledge-based and integrated services for mobility impaired users.

65. Participation in PREMIA project (TREN/04/FPEN/S07.31083/503081) regarding R&D, demonstration and incentive programmes effectiveness to facilitate and secure market introduction of alternative motor fuels.

66. **Coordinator** of IN-SAFETY project (Road2/2003/506716) regarding the use of intelligent, intuitive and cost-efficient combinations of new technologies and traditional infrastructure best practice applications, in order to enhance the forgiving and self-explanatory nature of roads.

67. Participation in the Integrated Project HyWays (502596) regarding the development of a European Hydrogen Energy Roadmap.

68. **Coordinator** of IM@GINE IT project (IST-1-508008) dealing with the use of intelligent mobility agents and advanced positioning and mapping technologies so as to provide integrated and interoperable location based services.

69. Participation in Leonardo da Vinci project TELL-IT (EL-2002-B-F-PP-114009) regarding the development of an effective and lifelong training of people with special needs for help desk operations utilizing ICT.

70. **Coordinator** of ADIRITO project, dealing with the development of a network to support and promote road safety, funded by the third FP, EPAN, Measure 8.3.

71. Participation in European research project ISLANDS (QLRT-2001-01637) regarding the development of an integrated system for long distance psychiatric assistance and non-conventional distributed health services.

72. **Coordinator** of SOCRATES/GRUNDTVIG I Project CREDIT (110311), regarding the valuation of knowledge and competencies acquired through experience and their accreditation for elderly workers.

73. Participation in Leonardo da Vinci project IDEA (B/02/B/F/PP-110.350) regarding the development of an innovative vocational training scheme for assessing the driving ability of elderly and disabled.

74. **Coordinator** of AGILE project (QLRT-2001-00118) regarding the development of innovative training, information, counselling and driving ability assessment and support tools for the elderly.

75. Participation in European research project SPORT4ALL (C27980) regarding the provision of telematic services to the disabled for the diffusion of information on athletics events.

76. **Coordinator** of NOVEL project, dealing with the development of a Centre of Excellence in HIT regarding driver behavior analysis, funded by the third FP, EPAN, Measure 3.3.

77. **Technical Manager** of CONSENSUS (IST-2000-26456 and IST-2001-37092) project regarding the promotion of consensus in assessing driving ability of disabled through common methodologies and normative tools.

78. **Coordinator** of INFORMED project (EL/2002/B/F/PP-114010) regarding the development of an integrated system for advanced and life-long training of dangerous goods drivers and trainers.

79. **Coordinator** of IMMACULATE project (LIFE02 ENV/GR/000359) project regarding the improvement of the quality of air and reduction of noise levels in urban environments by an integrated, cost effective and multi-level application of clean vehicle technologies.

80. **Coordinator** of IMAGE project (IST-2000-30047) regarding the development of an intelligent mobility agent for complex geographic environments.

81. **Coordinator** of AWAKE project (IST-2000-28062) regarding the development of a system for effective assessment of driver vigilance and warning.

82. Participation in European research project MINICON regarding the development of a minimum cost, minimum size, maximum benefit condition monitoring system**.**

83. Participation in European research project RESPECT - QLRT-2000-00038 regarding the improvement of elderly workers safety, productivity, efficiency and competence towards the new working environment**.**

84. Participation in European research project EUCLIDE (GRD1-2000-26801) regarding the development of a vision enhancement system for drivers in cases of reduced visibility.

85. Participation in European research project SAFEGUARD (QLRT-1999-30235) regarding the development of a new, optimized driving seat for professional drivers.

86. **Technical Manager** of TRAINER (GRD1-1999-10024) project regarding the development of tools and methodologies for driver training and assessment.

87. Participation in European research project TRAVEL-GUIDE (GRD1-1999-10041) (Traveller and traffic information systems: Guidelines for the enhancement of integrated information provision services), regarding advanced TTIS's.

88. Participation in European research project ADVISORS (GRD1-1999-10047) (Action for advanced Driver assistance and Vehicle control systems Implementation, Standardization, Optimum use of the Road network and Safety), regarding early cooperative motions.

89. Participation in national research project KATHENAS 98AMEA14 regarding the development of a system for evaluation of accessibility of urban environment and provision of relevant information.

90. Participation in national project NAUTILOS 98AMEA28 regarding the development of a system for web browsing by disabled users.

91. Participation in European research project IN-ARTE – TR4014 dealing with integration of navigation and anti-collision in rural traffic environment.

92. Participation in national project OVERALL REHABILITATION funded by the HORIZON initiative regarding of a life-long training scheme for vocational training of elderly and disabled workers.

93. Participation in national project ODIGO funded by the HORIZON initiative regarding an integrated system for supporting PSN to acquire a driving license targeting their autonomous transportation and work rehabilitation.

94. Participation in national project AYTONOMY funded by the HORIZON initiative dealing with the development of a Centre for the functional evaluation of PSN regarding the use of wheelchairs and their adaptation as a means for work rehabilitation.

95. Participation in European research project AMADEUS (BE97-5103) regarding the development of a system for accurate modelling and damage detection in high safety and cost structures**.**

96. Participation in European research project MOSAIC-HS – DE3007 regarding the development of a modular system for application integration and clustering in home

systems.

97. **Administrative Coordinator** of project ALTIUS funded by the LEONARDO da VINCI initiative (Training in autonomous living as a means for the social and financial integration of PSN), regarding the development of a life-long training scheme for autonomous living of elderly and disabled citizens.

98. **Coordinator** of TAP-DE Project HOME – DE3003 (Home applications Optimum Multimedia/multimodal system for Environment control, regarding the development of an intelligent home automation system elderly and disabled users.

99. **Coordinator** of TRANSWHEEL project – DE3013 (Transportation wheelchair with high impact safety and advanced sensor comfortability for people with mobility problems).

100. Participation in European research project VISION (BE95-1313) regarding vibration interpretation using simulations and the intelligence of networks.

101. Participation in European research project POSEIDON – TR1041 regarding integrated VTS, Sea Environment and interactive data on line network.

102. **Administrative Coordinator** of TELSCAN project TR1108 (Telematic Standards and Coordination of ATT systems in relation to elderly and disabled travellers), regarding systems and guidelines for accessible transport.

103. **Coordinator** of Transport Telematics project SAVE (TR1047) regarding the development of a system, which monitors the driver state and in case of a driver breakdown it warns the driver and an Emergency Center and it undertakes the vehicle's control.

104. **Coordinator** of TIDE Project HEPHAISTOS (T1004), regarding the development of a home environment control system for people with special needs and elderly.

105. **Administrative Project Coordinator** of TELAID project (V2032), regarding telematics application for the integration of people with special needs.

SERVICES & STUDIES

1. Participation in the DG-MOVE Research Study on the social dimension of the transition to automation and digitalisation in transport, focusing on the labour force. Specific Contract N° MOVE/B5/2019-274 under the Multiple Framework Service Contract MOVE/ENER/SRD/2016-498 Lot 5 (October 2019 – today).

2. Participation in the DG-MOVE Framework Contract for Impact Assessment and Evaluation support studies. Specific Contract N° MOVE/A3/2017-257 (April 2018 - today).

3. Participation in the DG-MOVE study: "Best practices guide on the carriage of persons with reduced mobility". Specific Contract N° MOVE/B5/2017-2017-197 under the Multiple Framework Service Contract MOVE/ENER/SRD/498-2016 Lot 6 (September 2017-May 2018).

4. Implementation of the Research Study "Transport and Tourism for Persons with Disabilities and Persons with Reduced Mobility", assigned by the European Parliament (July 2017 – April 2018).

5. Participation in the DG-MOVE Multiple Framework Service Contract "Legal, economic and technical assistance in the fields of Energy and Mobility and

Transport - Framework contract in 6 lots". Specific Contract No. MOVE/ENER/SRD/2016-498 (April 2017 – today).

6. Participation in the Study: "Towards a single and innovative European transport system - Lot 2 - International assessment and action plans of the focus areas", which aims to the international assessment and action plans of certain focus areas (lot 2) within a study "Towards a Single and Innovative European Transport System" which develops roadmaps for the implementation of the European Commission's White Paper on Transport (March-December 2016).

CITATIONS

Web of Science:	484 (h index – 7)
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SCIENTIFIC JOURNAL PAPERS

1. Touliou, K., & Bekiaris, E. (2020). Olfactory Deterioration in Mild Cognitive Impairment. *Biomedical Journal of Scientific & Technical Research, 25(3), 19113-19115*. DOI: 10.26717/BJSTR.2020.25.004195

2. Touliou, K., Panou, M., Maglaveras, N., **Bekiaris, E.** "Executive, Emotional and Physiological Functioning in Older Drivers with Mild Cognitive Impairment". *In the International Journal of Transportation Science and Technology. In Press, Corrected Proof, Available online 12 December 2018* https://doi.org/10.1016/j.ijtst.2018.11.006

3. Panou, M., Touliou, K., Dimokas, N., Kalogirou, K., **Bekiaris, E.** (2017) A Tool for Assessing Elderly Drivers with MCI. In the *International Journal of Transportation Systems,* 2, 31-36. ISSN: 2534-8876.

4. Katsouri, I.,, Athanasiadis, L., **Bekiaris, E.**, Tsolaki, M. (2015). Observations relative to driving in elderly people with Alzheimer's disease. . In the *Hellenic Journal of Nuclear Medicine - Supplement Proceedings of the 10th Panhellenic Interdisciplinary Conference on Alzheimer's Disease and Related Disorders and 2nd Mediterranean Conference on Neurodegenerative Diseases*, May-Aug 2015; 18 (Suppl): 364-374.

5. Katsouri I, Athanasiadis L, **Bekiaris E**, Touliou K., Tsolaki M. (2015). Mild Cognitive Impairment and Driving Habits. *International Journal of Prevention and Treatment* 2015, 4(2A): 1-10 DOI: 10.5923/s.ijpt.201501.01.

6. Evans GD, Blythe PT, Panou M, **Bekiaris E**. (2014). Evaluating Transport Technologies for Mitigating the Impact of Emergency Events: Findings from the SAVE ME Project. In the *International Journal of Transportation - Special Issue on Security in Surface Transportation Planning and Operations 2014, 2(3), 73-94*.

7. Gemou, M., **Bekiaris, E.** (2014). Protocol for Transferability of Driver Simulator Results to Real Traffic Conditions. In the *International Journal of Interdisciplinary Telecommunications and Networking (IJITN), IGI Global (in press).*

8. Gemou, M., Bautista, J., Colomer, M., Cabrera-Umpierrez, M.F., de los Rios, S., Arredondo, M.T., **Bekiaris, E.** (2014). Validation of Toolkits for developing 3rd generation Android accessible mobile applications. In the *3rd generation accessibility: Information and Communication Technologies towards universal access, Issue 15/1, Universal Access in the Information Society, Springer*. DOI: 10.1007/s10209-014-0377-9

9. Koutkias, V., **Bekiaris, E.,** Maglaveras, N., & Gkemou, M. (2013). Towards an Ontology-based Model for User Profile Representation in a Cloud Infrastructure. In the *International Journal of Electronic Commerce Studies (IJECS), 4(2), 349-354*, doi: http://dx.doi.org/10.7903/ijecs.1042.

10. **Bekiaris, E**., Prentza, L. (2013). Evaluation of an Agent based Monitoring and Brokerage System for Neighbourhood Electricity Usage Optimization. In the *Journal of Energy and Power Engineering, Vol.7, No 10, pp. 1915-1921*, ISSN: 1934-8975 (Print), ISSN: 1934-8983 (Online).

11. **Bekiaris, E.,** Gemou, M., Van Isacker, K., Slegers, K., Laporte, L., Salmon, N., Bascones, M.L., Turrero, M. & Carmona, I. (2013). Modelling the User. In the *Academic Journal of Computer Technology and Application, Vol. 4, No. 7,* ISSN: 1934-7332 (Print), ISSN: 1934-7340 (Online), pp. 327-334.

12. Panou, M., Touliou, K., **Bekiaris, E.** & Tsaprounis, T. (2013). Mobile phone application to support the elderly, In the *International Journal of Cyber Society and Education, Pages 51-56, Vol. 6, No. 1*, ISSN: 1995-6649 Vol 6, No 1.

13. Scholliers, J., Joshi, S., Gemou, M., Hendriks, F., Aust, M. L., Luoma, J., Netto, M., Engstrom, J., Leanderson, S., Kutzner, R., Tango, F., Amditis, A., Blosseville, J.-M. & **Bekiaris, E**. (2011). Development and application of an integrated evaluation framework for preventive safety application. In the *Intelligent Transportation Systems, IEEE Transactions on, 12(1), 211-220*, ISSN: 1524-9050.

14. **Bekiaris, E**., Mourouzis, A., & Maglaveras, N. (2011). The REMOTE AAL project: Remote health and social care for independent living of isolated elderly with chronic conditions. In the *Universal Access in Human-Computer Interaction. Context Diversity (pp. 131-140).* Springer Berlin Heidelberg.

15. Maged, N., Boulos, M. N. K., Anastasiou, A., **Bekiaris, E**., & Panou, M. (2011). Geo-enabled technologies for independent living: examples from four European projects. *Technology and Disability*, 23(1), 7-17.

16. Gkemou, M., & **Bekiaris, E**. (2011). Overview of 1st AEGIS pilot phase evaluation results. In the *Universal Access in Human-Computer Interaction. Design for All and eInclusion (pp. 215-224)*. Springer Berlin Heidelberg.

17. Gkemou, M., **Bekiaris, E**., & Van Isacker, K. (2011). An end-user evaluation point of view towards OSS assistive technology. In the *Universal Access in Human-Computer Interaction. Design for All and eInclusion (pp. 225-234)*. Springer Berlin Heidelberg.

18. Van Isacker, K., Goranova-Valkova, M., Chalkia, E., **Bekiaris, E**., Votis, K., & Tzovaras, D. (2010). Accessible Web Design a Burden? – Lessons learned from the Accessible Project. In the *European Journal of ePractice, No 10*, ISSN: 1988-625X.

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Beijing: China Association for Standardization, ISSN 1672-5700, in English and Chinese.

20. **Bekiaris, E**. (2009), Sustainable traffic safety policies and research priorities for safe and secure European roads. In the *Science Journal of Transportation, Special issue No.01, International cooperation Journals MADI-SWJTU-UTC, Moscow-Chengdu-Hanoi*, p.136-147.

21. **Bekiaris, E**. (2009). Sustainable traffic safety policies and research priorities for safe and secure European roads. In the *Science & Engineering for Roads, No 1 (48), p.4-6,* in Russian.

22. Jap, B.T., Lal, S., Fischer, P., & **Bekiaris, E**. (2009). Using EEG spectral components to assess algorithms for detecting fatigue. In the *Expert Systems with Applications, vol. 36, no. 2, Part 1*, pp. 2352-2359.

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24. Van Isacker, K., Slegers, K., Gemou, M., & **Bekiaris, E.** (2009). A UCD Approach towards the Design, Development and Assessment of Accessible Applications in a Large Scale European Integrated Project. In the *Lecture Notes in Computer Science-LNCS 5614*, pp. 184–192, Springer-Verlag Berlin Heidelberg, ISBN 978-3-642-02706-2.

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26. Korn, P., **Bekiaris, E**., & Gemou, M. (2009). Towards open access accessibility everywhere: The ÆGIS concept. In the *Universal Access in Human-Computer Interaction. Addressing Diversity (pp. 535-543).* Springer Berlin Heidelberg.ISBN 978-3-642-02706-2.

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29. Damousis, I. G., Tzovaras, D., & **Bekiaris, E**. (2008). Unobtrusive multimodal biometric authentication: The HUMABIO project concept. In the *EURASIP Journal on Advances in Signal Processing, 110*.

30. **Bekiaris, E**. (2007). Monitoring sleep and sleepiness with new sensors within medical and industrial applications. *Somnologie-Schlafforschung und Schlafmedizin, 11(4), 231-231*.

31. Portouli, E., **Bekiaris, E**., Papakostopoulos, V., & Maglaveras, N. (2007). On-road experiment for collecting driving behavioural data of sleepy drivers. *Somnologie-Schlafforschung und Schlafmedizin, 11(4), 259-267*.

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electrophysiological recordings for preventing sleep-deprived traffic accidents. In *Clinical Neurophysiology*, 118(9), 1906-1922.

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48. Stefani, O., Mager, R., Mueller-Spahn, F., Sulzenbacher, H., **Bekiaris, E**., Wiederhold, B. K., Pate, H., & Bullinger, A. H. (2005). Cognitive ergonomics in virtual environments: development of an intuitive and appropriate input device for navigating in a virtual maze. In *Applied psychophysiology and biofeedback, 30(3), 259-269.*

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facing DSN issues. In the *7th International Conference on Mobility and Transport for Elderly and Disabled People*, July 1995, UK.

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294. Naniopoulos, A., **Bekiaris, E**., Dangelmaier, M., Pollman, R. (1993). Existing aids for drivers with special needs and the introduction of telematics: classification requirements in the context of a systems approach. In the *International Symposium on Automotive Technology & Automation (26th). Dedicated conference on advanced transport telematics/intelligent vehicle highway systems.*

PARTICIPATION IN SCIENTIFIC AND OTHER COMMITTEES, EVENTS ORGANISATION AND SPEECHES

03.2020 ***Member of the Scientific Advisory Body of the Transport Authority of Thessaloniki (TheTA)***

01.2020 ***Member of the Greek Committee for developing the Drivers Training & Examination & Driving Licenses Law of Greece***

06.2019 Committee member of the 3rd International Workshop on Education, Big Data and Information Technology (Interdisciplinary Workshop, part of ICECSD)

05.2019 Chair of the Smart Transport Special Session of the 15th IEEE International Conference on Distributed Computing in Sensor Systems, 29-31 May 2019, Santorini, Greece.

05.2019 Invited speaker at the International Transport Forum (ITF Summit), 22-24 May 2019, Leipzig, Germany. (Presentation title: Automated, electric, connected and shared urban mobility: New business roles for service provision and workforce training).

01.2019 Invited speaker at the "Autonomous Vehicles and their Impact on the Transportation" workshop of the ABG20 Education and Training Standing Committee of the Transportation Research Board (TRB) 98th Annual Meeting, 13-17 January 2019, Washington, USA. (Presentation title: Progress of the SKILLFUL project").

12.2018 Invited member as an expert at the 4th Annual Conference of the "Hellenic Organization of Intelligent Transport Systems - IT Hellas" on "Intelligent Transport Systems and Developments in Greece" at the Ministry of Infrastructure and Transport, 18-19 December 2018, Athens, Greece.

11.2018 Invited speaker at the Pan-Hellenic Interdisciplinary Conference on Sleep, Well-being, Functionality and Safety (www.hypnos2018.gr), 23-25 November 2018, Nafplio, Greece (Presentation title: Drowsiness, stress and intense feelings during driving: Findings from the European Research Project ADAS&ME)

11.2018 Invited speaker at the Strategic Plan Conference organised by the Army General Staff, 23 November 2018, Athens, Greece (Presentation title: Designing and Implementing a Strategic Plan for the Development of a Research Institute, with the Active Participation of all Employees)

11.2018 Invited speaker at the International Seminar on Roads, Bridges & Tunnels - Challenges and Innovation (ISBT 2018). 9-15 November 2018, Thessaloniki Greece (Opening speech: Shifting intelligence from vehicle to infrastructure: the SAFE STRIP approach).

09.2018- Chair of the A0010 Sub-Committee (0010-1): Mainstreaming International Perspectives, Networking, and promoting International Cooperation & Collaboration

05.2018- Member of the Scientific Committee of the International Transport and Air Pollution (TAP) Conference.

04.2018-04.2021 Member of the Transportation Research Board (TRB) Standing Committee on Conduct of Research (ABG10).

04.2018-04.2021 Member of the Transportation Research Board (TRB) Committee on International Cooperation (A0010).

04.2018 Invited member as an expert in the Technical Activities Committee (TAC) on Human Factors in Intelligent Vehicles for the IEEE Intelligent Transportation Systems Society (http://ta.itss-ieee.org/human-factors-in-its/).

03.2018 Invited speaker at the Workshop titled "Big Data in Transport" organised by the Ningbo University of Technology (NBUT) in cooperation with the Ningbo Transport Innovation Authority (Presentation title: "Issues and problems concerning Big Data – the European experience").

01.2018 Invited speaker at the Accessible Transportation and Mobility—Policy and Practice Subcommittee, ABE60(1) of the Transportation Research Board (TRB) 97th Annual Meeting, 7-11 January 2018, Washington, USA. (Presentation title: Research Study on "Transport and Tourism for Persons with Disabilities and Persons with Reduced Mobility").

01.2018 Invited speaker at the 2018 Business Meeting of the TRB Standing Committee on Transportation Education and Training (ABG20) of the Transportation Research Board (TRB) 97th Annual Meeting, 7-11 January 2018, Washington, USA. (Presentation title: Skills and Competences Development of Future Transportation Professionals at all levels).

01.2018 Invited speaker at the AFB20(2) Roadside Safety Design session of the International Research Activities Subcommittee of the Transportation Research Board (TRB) 97th Annual Meeting, 7-11 January 2018, Washington, USA. (Presentation title: Shifting intelligence from vehicle to infrastructure: the SAFE STRIP approach).

01.2018 Invited evaluator for the process of the TRA VISIONS student competition 2018 (https://www.travisions.eu/TRAVisions/competition/young_researchers/).

11.2017 Invited speaker at the International Educational Seminar on Roads, Bridges and

Tunnels (ISRBT2017), 3-9 November 2017, Thessaloniki, Greece (Presentation title: Shifting intelligence from vehicle to infrastructure: the SAFE STRIP approach).

11.2017 Member of the IEEE Organisation (world's largest technical professional organization) dedicated to advancing technology for the benefit of humanity.

01.2017 Invited speaker at the Workshop "The Nexus of Transportation and Environmental Health Governance: Intersections and Collisions Across and Within Borders" of the Transportation Research Board (TRB) 96th Annual Meeting, 8-12 January 2017, Washington, USA (Presentation title: Aging Populations and Mobility Policies: Implications for Safety, Health, and the Environment).

01.2017 Invited speaker at the event "Can TRB Be A "Transition Platform" for the Transportation Sector in the US and Canada?" of the Transportation Research Board (TRB) 96th Annual Meeting, 8-12 January 2017, Washington, USA (Presentation title: Transition Practice in the Transportation Sector in China and the United States and Its Relevance to the Transportation Gaps in Europe).

01.2017 Invited speaker at the event "Roadside Safety Design International Research Activities, AFB20 (2)" of the Transportation Research Board (TRB) 96th Annual Meeting, 8-12 January 2017, Washington, USA (Presentation title: Infrastructure Strip to Vehicle Communication for the Deployment of Autonomous Vehicles).

01.2017 Invited speaker at the Second Interdisciplinary Road Safety Event, 7-9 January 2017, Athens, Greece (Presentation title: The car of Tomorrow. Cross glances).

10.2016 Invited speaker at the Hearing of the Special Standing Road Safety Committee of the Greek Parliament, 13 October 2016, Athens Greece.

09.2016 Invited speaker at the Twelfth International Conference "Organization and Traffic Safety Management in large cities", 28-30 September 2016, Saint Petersburg, Russia.

07.2016 Chair of the session "Ergonomics Modeling and Usability Evaluation VI" of the 7th International Conference on Applied Human Factors and Ergonomics, 27-31 July 2016, Florida, USA.

06.2016 Invited speaker in the seminar "A shift in paradigm in urban mobility: Smart Mobility, Automation and Electrification" organized by the Università degli Studî Suor Orsola Benincasa, 13 June 2016, Napoli, Italy.

06.2016 Invited reviewer at the 11th ITS European Congress "Delivering future cities now", 6-9 June 2016, Glasgow, UK.

05.2016 Invited speaker at the 3rd Conference on "Sustainable Urban Mobility (3rd SCUM)" and moderator of the "Green Transportation" section, 26 May 2016, Volos, Greece.

04.2016 Invited speaker at the Workshop titled: "Trainers of Driving & Traffic Education: The primary road safety production sector", 23 April 2016, Athens, Greece.

10.2015 Invited speaker at the 22nd ITS World Congress "Towards Intelligent Mobility – Better Use of Space". Topic: "Multimodal Transport for People and Goods", 5-9 October 2015, Bordeaux, France.

09.2015 Committee member of the NETs 2016 Conference (International Conference on Internet Studies), 22-24 July 2016, Osaka, Japan.

07.2015 Senior Member at the International Engineering and Technology Institute (IETI)

www.ieti.net/.

03.2015 Invited speaker at the Workshop on "Modern Technologies and New Trends in Transport". Title: “Smart Strip”, 13 March 2015, Athens, Greece.

03.2015 Presidency and inaugural speech of the special session "Road Safety Management" of the 6th Hellenic Road Safety Conference, 12-13 March 2015, Athens, Greece.

03.2015 Member of the International Scientific Committee and reviewer of the 14th International Conference on Mobility and Transport for Elderly and Disabled Persons (TRANSED 2015), 28-31 July 2015, Lisbon, Portugal.

02.2015 Reviewer of Technical, Scientific and Commercial papers of the 22nd ITS World Congress “Towards Intelligent Mobility – Better Use of Space”, 5-9 October 2015, Bordeaux, France.

01.2015 Invited speaker at the “Stakeholders Workshop on R&I roadmaps” of the iMobility Forum R&I Working Group. Speech title: “Mobility and Efficiency Roadmap”, 27 January 2015, Brussels, Belgium.

01.2015 Invited speaker at the special Committee on Accessible Transportation and Mobility (ABE60) of the Transportation Research Board (TRB), 12 January 2015 Washington, USA.

12.2014 Invited Rapporteur from the breakout session “Road & Urban” Italian EU Presidency Conference on “Transport Safety: societal challenges, research solutions”, 4-5 December 2014, Genoa, Italy.

12.2014 Organizer and speaker at the conference "Road Safety: Upgrading through education and publicity actions," 1 December, 2014, Thessaloniki, Greece.

11.2014 Invited speaker at the European Interdisciplinary Conference “Ageing and Safe Mobility” and moderator of the “Vehicles engineering” section, 27-28 November 2014, Bergisch-Gladbach, Germany.

09.2014 Member of the Scientific Programme Committee of the 7th International Conference on Transport Research – “From basic research to innovative applications”, 2015, Athens, Greece.

07.2014 Member of the International Program Committee (IPC) / International Steering Committee (ISC) of the 28th International Electric Vehicle Symposium and Exhibition: EVS28, 3-6 May 2015, in Goyang, Korea.

06.2014 Invited speaker at the 1st Greek Training Conference “Training and Road Safety”, organized under the auspices of the Ministry of Infrastructure, Transport and Networks. Speech title: “Presentation of Training Material for Secondary Education”. 2014, Athens, Greece.

04.2014 Invited speech of the Conference “ITS, eCall and Road Safety”, that was organized by the Ministry of Infrastructure, Transport and Networks, under the auspices of the EC and ERTICO-ITS EUROPE. Speech title: “ITS and vulnerable road users in Greece”, 25th April 2015, Athens, Greece.

02.2014 Review Committee Member of The 7th International Multi-Conference on Engineering and Technological Innovation: IMETI 2014, 15-18 July 2014, in Orlando, Florida, USA.

01.2014 Pillar Leader for the Young European Arena of Research 2014 (YEAR 2014) student competition under the auspices of TRA2014, Paris, France.

12.2013 Member of the Program Committee of the conference MOBILITY 2014, 20-24 July 2014, Paris, France, under DataSys 2014.

12.2013 Review Committee Member for Technical and Scientific papers submitted for the ITS Congress Helsinki, 16-19 June 2014, Helsinki, Finland. "ITS in your pocket – proven solutions driving user services".

11.2013 Member of the Scientific Committee of the 19th Annual CyberPsychology & CyberTherapy Conference (CYPSY19) 17-19 June, 2014, Washington, D.C.

11.2013 Invited speaker at the Conference "Education and Road Safety", organized by the Hellenic Institute of Transportation Engineers, 27 November 2013, Athens, Greece. Title of speech: "The traffic education in secondary education".

07.2013 Member of the Program Committee of the 6th International Multi-Conference on Engineering and Technological Innovation: IMETI 2013, 9-12 July, Orlando, Florida, USA.

05.2013 Invited speaker in the Hellenic Parliament at the Special Permanent Committee on Road Safety, 22 May 2013.

05.2013 Member of the Scientific Committee of the 16th "Road Safety on Four Continents Conference 2013" (RS4C), 15-17 May 2013, Beijing, China.

03.2013 Member of the Program Committee of the conference MOBILITY 2013, 17-22 November 2013, Lisbon, Portugal, under DataSys 2013.

02.2013 Designated Reviewer of the 2013 IEEE Symposium on Wireless Technology and Applications (ISWTA 2013), 22-25 September, 2013, Kuching, Malaysia.

02.2013 Reviewer for scientific papers submitted to the 20th ITS World Congress, 14-18 October 2013, Tokyo, Japan.

01.2013 Member of the Review Committee for the congress ITS 2013, 4-7 June 2013, Dublin, Ireland.

08.2012 Member of the Scientific Committee of the 5th National Road Safety Conference, 25-26 October, Volos, Greece.

06. 2012 Invited speaker at the Workshop "Road Safety initiatives in the period of crisis", organized by the Technical Chamber of Greece and the Road Safety Observatory, 6 June 2012, Athens, Greece.

04. 2012 Organizer and moderator of the Special Session titled "Safety of Vulnerable Road Users (VRU's)" and invited speaker at the Special Session titled "Developing the European Transport Research Alliance (DETRA)" at the Transport Research Arena Conference (TRA 2012), 23-26 April 2012, Athens, Greece.

03.2012 Reviewer of papers submitted to the 17th Annual CyberPsychology & CyberTherapy Conference (CYBER17), 25-28 September 2012, Brussels, Belgium.

01.2012 Pillar Leader for the Young European Arena of Research 2012 (YEAR 2012) student competition under the auspices of TRA2012 for the Complementarities of transport modes Pillar (VI).

05.2011 Member of the International Scientific Committee and invited speaker of the International Conference on Climate Friendly Transportation, Shaping Climate Friendly Transport in Europe: Key Finds & Future Directions organized by the FP7 project REACT & the University of Belgrade, Faculty of Transport & Traffic Engineering, 16-17 May 2011, Belgrade, Serbia. Title of speech: "Safety & Environment: two sides of the same coin".

03. 2011 Invited speaker at the "ASECAP 2011 Road Safety Event, ASECAP Toll Roads: A Safe Journey in Europe", 1March 2011, Athens, Greece. Title of speech: "Active Safety and Cooperative Systems in the Road Infrastructure of the Future".

02. 2011 Moderator and Speaker of the opening session within the "European Best Practices in Road Safety Conference", organized by Forum of European Road Safety Institutes – FERSI and Hellenic Institute of Transport – HIT/CERTH, under the auspices of the Ministry of Infrastructure, Transport and Networks of Greece, 21-22 February 2011, Athens, Greece.

02. 2011 Moderator and Speaker of the session "PROLOGUE: Naturalistic Driving National Workshop" within the "European Best Practices in Road Safety Conference", organized by Forum of European Road Safety Institutes – FERSI and Hellenic Institute of Transport – HIT/CERTH, under the auspices of the Ministry of Infrastructure, Transport and Networks of Greece, 21-22 February 2011, Athens, Greece.

2011 - 04. 2012 Member of the Scientific and Program Committee of Transport Research Arena (TRA) Conference 2012, 23-26 April 2012, Athens, Greece.

2011 Member of the Scientific Committee of DRT4ALL 2011, IV International Congress on Design, Research Networks, and Technology, 27-29 June 2011, Madrid, Spain.

09. 2010 Invited speaker at the Symposium "Road Safety - European Reality and Perspectives: A New Interdisciplinary Approach", 24-25 September 2010, Chios, Greece. Title of speech: "Technology and Practices for Educating Drivers about Road Safety".

09.2010 Member of the Scientific and Organizing Committee of the 6th International Conference on Aerospace Medicine, 22-26 September 2010, Thessaloniki, Greece.

06.2010 Pillar Leader for the Young European Arena of Research 2010 (YEAR 2010) student competition under the auspices of TRA2010, for the *Safety & Security* Pillar, 7-10 June 2010, Brussels, Belgium.

05.2010 Member of the Scientific Committee, evaluator of papers submitted to the 5th International Congress on Transportation Research, 27-28 September 2010, Volos, Greece.

05.2010 Evaluator of papers submitted to the 13th International IEEE Annual Conference on Intelligent Transportation Systems, 19-22 September 2010, Madeira, Portugal.

03.2010 Member of the international advisory committee and the scientific committee of the 15th International Conference Road Safety on Four Continents, 28-30 March 2010, Abu Dhabi, United Arab Emirates.

03.2010 Reviewer of submitted papers for the 17th ITS World Congress, 25-29 October 2010, Busan, South Korea.

03.2010 Organizer of the FOSS-AMA (Free and Open Source Software for Accessible Mainstream Applications) satellite event at ETAPS 2010 (European Joint Conferences on Theory And Practice of Software 2010), 27-28 March 2010, Paphos, Cyprus.

12.2009 Member of Advisory Group of SaferBraIn project (Innovative Guidelines and Tools for Vulnerable Road Users Safety in India and Brazil), co-financed by the European Commission within the VII Framework Programme. Invited speaker at the 1st SaferBraIn Workshop on Vulnerable Road Users Safety, hosted by University of Sao Paulo, 4 December 2009, Sao Paolo, Brazil.

11.2009 Member of the Scientific Committee and Organizing Committee at the OASIS 1st International Conference, 4-5 November 2009, Florence, Italy.

09.2009 Member of the Organizing Committee of the "FERSI Training Seminar on Simulator-based Training and Research & TRAIN-ALL Workshop", 14-19 September 2009, Thessaloniki, Greece.

06.2009 Member of the Scientific Committee and Chairman of the session "Post Traumatic Stress Disorder II" at the 14th Annual CyberTherapy & CyberPsychology Conference, 21-23 June 2009, Verbania-Intra, Italy.

05.2009 Member of the Scientific Committee 4th Pan-Hellenic Road Safety Conference, 5-6 November 2009, Athens, Greece.

04. 2009 Invited speaker at Telematic City Forum, Intelligent Mobility in Urban Centers, "Business Case for Municipalities in a Telematic Urban World – Roadmap towards a Telematic City, The ASK-IT project achievements – Telematic services for all", organized by Fraunhofer, Institute Arbeitswirtschaft und Organisation (IAO), 7 April 2009, Stuttgart, Germany.

11. 2008 Moderator of session SC12 "Measuring Driver Behavior" of the 15th World Congress on Intelligent Transport Systems, 16-20 November 2008, New York, USA.

09. 2008 Invited speaker at the 8th International Conference "Traffic Safety Management for Big Cities", 18-19 September 2008, Saint-Petersburg, Russia. Title of speech: "Sustainable Traffic Safety Policies and Research Priorities for safe and secure European Roads".

06. 2008 Organizer and moderator of the Special Session titled «ADAS/IVIS for powered-two-wheelers» of the 7th European Congress and Exhibition on Intelligent Transport Systems and Services, 3-6 June 2008, Geneva, Switzerland.

07. 2007 Chairman of session "Universal Access to HCI for Infomobility Services" within the HCI International 2007 Conference, July 2007, Beijing, P. R. China.

07. 2007 Chairman of session "HCI Concepts for the Future Driver" within the HCI International 2007 Conference, 22-27 July 2007, Beijing, P. R. China.

06. 2007 Invited speaker at the 4th Personalized Healthcare conference (pHealth 2007), 20-22 June 2007, Chalkidiki, Greece,

03.2007 Scientific review of manuscripts for the International Conference "Human-Machine Interaction (HuMaN 07)", 12-14 March 2007, Timimoun, Algeria.

01. 2007 Invited speaker at the 3rd Panhellenic Conference for breathing and sleep." The physiology of the hypovigilant driver and methods for the prevention of the microsleep phenomenon during driving ", Goulandris Natural History Museum, 25-27 January 2007, Athens, Greece.

11-12. 2006 Session chairman at the session "Best practice 1: VR in Automotive industry" organized during the 3rd INTUITION International Workshop, 30 November – 1 December 1 2006, Fellbach, Germany.

10. 2006 Invited speaker at the Special Session titled "The AIDE integrated project: towards the automotive human-machine interface of the future", of the 13th World Congress and Exhibition on Intelligent Transport Systems and Services, 8-12 October 2006, London, UK.

05. 2006 Invited speaker at the "Seminar on Location-based services for people with disabilities" organized by PhoneAbility in collaboration with COST219ter, ASK-IT, BCS HCI Group and Aunt-Sue, on 10 May 2006 in London, UK.

10.2005 Member of the Scientific and Organizing Committee of the "24th Annual Conference on Human Decision Making and Manual Control, EAM 2005", 17-19 October 2005 Athens, Greece.

04. 2005 Invited speaker at the Workshop "Urban Environment - Big Cities", entitled " Implementation of clean vehicles' technologies in Greece", Thessaloniki Chamber of Commerce and Industry, 4 April 2005, Thessaloniki, Greece.

11. 2004 Invited speaker at the "International Conference to promote scientific and technological cooperation between Argentina and Spain", 29-30 November 2004, Buenos Aires, Argentina.

09.2004 Paper reviewer for 16th IFAC World Congress 2005, 4-8 July 2005, Prague, Czech Republic.

08. 2003 Session Chairman in the session "Career Counseling and Education Strategies", of the 3rd International Conference on New Horizons in Industry and Education, Petros M. Nomikos Conference Centre, 28-29 August 2003, Santorini, Greece

06. 2003 Session Chairman in the session "Advanced automotive HMI for particular driver cohorts", of the 10th International Conference on Human-Computer Interaction (HCI International 2003), 22-27 June 2003, Crete, Greece.

11.2002 Member of the Scientific Committee at the 6th Pan-Hellenic Conference "Traffic Accidents: Modern Greek Tragedy", 15-16 November 2002, Athens, Greece.

02.2002 Member of the List of Evaluators of the Greek Ministry of Labor and Social Securities.

10. 2001 Session moderator in the session "Floating car data communications", of the "8th World Congress on ITS", 30 September – 4 October 2001, Sydney, Australia.

08. 2001 Session Chairman in the session "HCI applications to support independent mobility of E&D people, from trip information to access devices control", of the Conference "Universal Access in Human-Computer Interaction", 5-10 August 2001, New Orleans, Louisiana, USA.

11. 2000 Invited speaker at the 4th National Conference "Travelogue in today's Athens". Title of speech "Accessibility: Prerequisite for lifelong assurance of citizen

enhanced quality of life", 25-26 November 2000, Athens, Greece.

11.2000 Member of the Scientific Committee of the 4th Pan-Hellenic Conference "Accessibility: Required for the Quality of Life of the citizens" organized by the Pan-Hellenic Union of Paraplegics and Mobility Handicaps, November 2000, Athens, Greece.

09. 2000 ELPA Representative at the meeting of the Technical Committee of AIT / FIA, September 2000, Athens, Greece.

09.2000 Member of the Organizing Committee at the ISATA 2000 "Automotive & Transportation Technology" Conference (Automotive Interiors Track), 25-27 September 2000, Dublin, Ireland.

05.2000 Secretary of the Organizing Committee at the "Traffic Accidents and technological developments" Conference, organized by the Hellenic Institute for the Support of Traffic Accidents Victims (EFTHITA), 19-20 May 2000, Preveza, Greece.

05. 2000 Invited speaker at the Conference "Traffic Accidents - Technological developments at the active and passive security of the driver and the passengers of the vehicle", title of speech "Driver monitoring and critical state detection and warning technologies", EFTHITA Organization, sponsored by GSRT, 19-20 May 2000, Preveza, Greece.

09.1999 Representative of ELPA at the meeting of the Technical Committee of FIA, September 1999, Athens, Greece.

08. 1999 Chairman in the "HCI as a tool to support autonomous living for Elderly and Disabled" Session in the 8th International Conference on Human Computer Interaction (HCI International 99), 22-27 August 1999, Munich, Germany.

1997 - 1999 President of HOME SYSTEMS Concertation meetings of EC, Telematics Applications Programme (1997-1999).

12. 1998 Invited speaker in the workshop "Motoring for All" organized by the European Parliament, Intergroup for Automobile Users, in the European Parliament premises. 2 December 1998,Brussels, Belgium.

11. 1998 Invited speaker at the workshop "Gerontechnology and the older driver", organized by the TNO-centre for research on ageing (TNO-verouderingsonderzoek), 6 November 1998, Leiden, Netherlands.

10. 1998 Invited speaker at the "Journeés Internationales de la Sécurité Routière" Conference, JIDITVA 98, organized by Institut Belge pour la Sécurité Routière and GOCA, sponsored by Belgian Ministry of Transport, 26-28 October 1998, Brussels, Belgium.

08. 1998 Chairman in the Human Factors Session in the "2nd International Engineering Design and Automation Conference" (EDA 98), 9-12 August 1998, Maui, USA.

03. 1998 Invited speaker at the "2nd National Conference on Driving Safety" .Title of speech "Integrated vehicle safety system", March 1998, Volos, Greece.

11. 1997 Invited speaker at the 11th Physiotherapy Symposium. Title of speech "The needs and requirements of MS patients for Independent Living: The HOME Project Approach", Hellenic Scientific Society of Physical Therapy, 28-30 November 1997, Athens, Greece.

06.1995 Inspirator and member of the Steering Committee for the Development of Centre for Disabled Drivers in the National Institute for the Rehabilitation of the

Handicapped in Greece (INIOCHOS).

ACKNOWNLEDGEMENTS

1. Continental Who' s Who, "Dedicated to the Recognition of Excellence", candidacy to be published as one of its top professional executives, Gold membership, 27th April 2011.
2. MARQUIS Who's Who in the World 2002, 19th edition, pp.155.
3. MARQUIS Who's Who in the World 2002-2003, 6th edition, pp.71.
4. Bjorn Peters, 2001, "A Framework for Evaluating Adapted Passenger Cars for Drivers with Physical Disabilities", Linkoeping Studies in Science and Technology, Thesis No. 885, Graduate School for Human-Machine Interaction, Division of Industrial Ergonomics, Department of Mechanical Engineering, Linkoeping universitet, Sweden, p. iii.
5. Torbjorn Falkmer, 2001, "Transport Mobility for Children and Adolescents with Cerebral Palys (CP)", Linkoeping University Medical Dissertations No. 672, Sweden, p. 52.
6. Meng Lu, 2007, "Modeling and evaluation of the effects of traffic safety measures: Comparative analysis of driving assistance systems and road infrastructure", Lund Institute of Technology, Department of Technology and Society, Traffic Engineering, Doctoral Thesis, Bulletin 235, Preface.

MEDIA INTERVIEWS & REFERENCES

Online Press

1. Article at the site GoCar, titled "Exclusive: Design for electric vehicle charging stations", 27/12/2019

   https://www.gocar.gr/gofwd/faces/29506,Apokleistiko_To_sxedio_gia_toys_sta8moys.html

2. Article at the site "metaforespress.gr", titled "CERTH/HIT provides support to Municipalities and Institutions for the establishment of effective SUMPs", 31/07/2018 (https://www.metaforespress.gr/mesa-mazikis-metaforas/%CF%84%CE%BF-%CE%B9%CE%BC%CE%B5%CF%84-%CE%B5%CE%BA%CE%B5%CF%84%CE%B1-%CF%80%CE%B1%CF%81%CE%AD%CF%87%CE%B5%CE%B9-%CF%85%CF%80%CE%BF%CF%83%CF%84%CE%AE%CF%81%CE%B9%CE%BE%CE%B7-%CF%83%CE%B5-%CE%B4%CE%AE/)

3. Article at the site "Ka-business.gr", titled "A free platform for sustainable cities" , 31/07/2018 (http://www.ka-business.gr/pages/Texnologia/19376/mia-eleytherh-platforma-gia-tis-biwsimes-poleis)

4. Article at the site "Voria.gr", titled "New support tool for Municipalities and Bodies by CERTH/HIT", 31/07/2018 (https://www.voria.gr/article/nea-ergalio-ipostirixis-gia-dimous-ke-foris-apo-to-imet)

5. Article at the site "Analitis.gr", titled "Support for Municipalities and Bodies to Develop a Sustainable Urban Mobility Plan ", 31/07/2018 (https://analitis.gr/yposthriksh-dhmwn-kai-forewn-gia-thn-ekponhsh-sxedioy-biwsimhs-astikhs-kinhtikothtas/)

6. Article at the site "mysalonica.gr", titled "Young and Adult "Explorers" at the CERTH/HIT Open Day", 08/11/2017 (http://mysalonika.gr/mikri-ke-megali-exerevnites-stin-open-day-tou-imet-eketa/)

7. Article at the site "typologos.com", titled "CERTH/ HIT Open Day - Intense interest in the profession of researcher", 07/11/2017 (https://www.typologos.com/open-day-%CF%84%CE%BF%CF%85-%CE%B9%CE%BC%CE%B5%CF%84%CE%B5%CE%BA%CE%B5%CF%84%CE%B1/

8. Article at the site "thessbomb.blogspot.gr", titled "Intense interest in the profession of researcher", 07/11/2017 (http://thessbomb.blogspot.gr/2017/11/blog-post_969.html)

9. Article at the site "Thousandnews.gr", titled "Intense interest in the profession of researcher - Future Interests in Transport " 07/11/2017 (http://www.thousandnews.gr/koinomia/item/257902-entono-endiaferon-gia-to-epaggelma-tou-erevniti-mellontika-endiaferonta-sto-xoro-ton-metaforon)

10. Article at the site "palo.gr", titled "Young and Adult "Explorers" at the CERTH/HIT Open Day", 07/11/2017 (http://www.palo.gr/makedonia-nea/mikroi-kai-megaloi-ekshereynites-stin-open-day-toy-imet-eketa/16758207/)

11. Article at the site "sofokleousin.gr", titled "CERTH/HIT: Intense interest in the profession of researcher", 07/11/2017 (http://www.sofokleousin.gr/mobile/archives/362092.html)

12. Article at the site "typosthes.gr", titled "Thessaloniki: Open Day is established for CERTH/HIT", 07/11/2017 (http://www.typosthes.gr/gr/topika/article/143775/thessaloniki-kathieronetai-to-open-day-sto-imeteketa/)

13. Article at the site "newx.gr", titled "Intense interest in the CERTH/ HIT Open Day", 07/11/2017 (https://www.newx.gr/eidhseis/18405-open-day-7-11-17)

14. Article at the site "nextdeal.gr", titled "How ready is the insurance market for the "communal" car?", 07/11/2017 (https://www.nextdeal.gr/index.php?option=com_k2&view=item&id=35023:poso-etoimh-einai-h-asfalistikh-agora-gia-to-%C2%ABkoinochrhsto%C2%BB-aytokinhto&Itemid=187)

15. Article at the site "Voria.gr", titled "Young and Adult "Explorers" at the CERTH/HIT Open Day", 07/11/2017 (http://www.voria.gr/article/mikri-ke-megali-exerevnites-stin-open-day-tou-imet-eketa)

16. Article at the site "pireasnews.gr", titled "Research centers of excellence for shipping, transport and tourism in Piraeus, Rhodes, Volos", 02/11/2017 (http://www.pireasnews.gr/2017/11/blog-post_26.html)

17. Article at the site "antenna975.blogspot.gr", titled "CERTH/HIT in front of the citizens and the future", 02/11/2017 (http://antenna975.blogspot.gr/2017/11/t.html)

18. Article at the site "holidaynews.gr", titled "Center for Maritime Travel and Tourism Excellence in Rhodes", 02/11/2017 (http://holidaynews.gr/2017/11/%CE%BA%CE%AD%CE%BD%CF%84%CF%81%CE%BF-%CE%B1%CF%81%CE%B9%CF%83%CF%84%CE%B5%CE%AF%CE%B1%CF%82-%CE%BD%CE%B1%CF%85%CF%84%CE%B9%CE%BB%CE%B9%CE%B1%CE%BA%CF%8E%CE%BD-%CE%BC%CE%B5%CF%84%CE%B1%CF%86%CE%BF/)

19. Article at the site "typosthes.gr", titled "Thessaloniki: A leading player opens his doors to the public", 01/11/2017 (http://www.typosthes.gr/gr/topika/article/143283/thessaloniki-enas-protoporos-foreas-anoigei-tis-portes-tou-sto-koino-foto/)

20. Article at the site "citoday.eu", titled "Thessaloniki: They built a car that understands even if the driver has suicidal tendencies", 01/11/2017 (http://www.cytoday.eu/index.php?id=17&nid=10159167)

21. Article at the site "Press724.gr", titled "CERTH/HIT in front of the citizens and the future – Open Day at 5 of November 2017", 01/11/2017

(http://press724.gr/%CF%84%CE%BF-%CE%B9-%CE%BC%CE%B5%CF%84-%CE%BC%CF%80%CF%81%CE%BF%CF%83%CF%84%CE%AC-%CF%83%CF%84%CE%BF%CF%85%CF%82-%CF%80%CE%BF%CE%BB%CE%AF%CF%84%CE%B5%CF%82-%CE%BA%CE%B1%CE%B9-%CF%83%CF%84%CE%BF/)

22. Article at the site "Metaforespress.gr", titled "Research centers of excellence for shipping, transport and tourism in Piraeus, Rhodes, Volos", 01/11/2017 (https://www.metaforespress.gr/naftilia/%CE%B5%CF%81%CE%B5%CF%85%CE%BD%CE%B7%CF%84%CE%B9%CE%BA%CE%AC-%CE%BA%CE%AD%CE%BD%CF%84%CF%81%CE%B1-%CE%B1%CF%81%CE%B9%CF%83%CF%84%CE%B5%CE%AF%CE%B1%CF%82-%CE%B3%CE%B9%CE%B1-%CE%BD%CE%B1%CF%85%CF%84/)

23. Article at the site "onvolos.gr", titled "Thessaloniki: They built a car that understands even if the driver has suicidal tendencies", 01/11/2017 (http://www.onvolos.gr/%CE%B8%CE%B5%CF%83%CF%83%CE%B1%CE%BB%CE%BF%CE%BD%CE%AF%CE%BA%CE%B7-%CE%BA%CE%B1%CF%84%CE%B1%CF%83%CE%BA%CE%B5%CF%8D%CE%B1%CF%83%CE%B1%CE%BD-%CE%B1%CF%85%CF%84%CE%BF%CE%BA%CE%AF%CE%BD%CE%B7%CF%84/)

24. Article at the site "cityportal.gr", titled "CERTH/HIT in front of the citizens and the future" 01/11/2017 (http://www.cityportal.gr/articles_det1.asp?subcat_id=16&article_id=105440)

25. Article at the site "vimapress.gr", titled "CERTH/HIT opens its gates to the public" 01/11/2017 (https://vimapress.gr/imeteketa-anoigei-tis-pyles-tou-sto-koino/)

26. Article at the site "analitis.gr", titled "CERTH/HIT creates three Centers of Excellence In Piraeus, Rhodes And Volos" 01/11/2017 (https://analitis.gr/tria-kentra-aristeias-dhmioyrgei-se-peiraia-rodo-kai-bolo-to-imeteketa-2/)

27. Article at the site "avatonpress.gr", titled "CERTH/HIT in front of the citizens and the future – Open Day at 5 of November 2017" 01/11/2017 (http://www.avatonpress.gr/2017/11/open-day-5.html)

28. Article at the site "thessbomb.gr", titled "CERTH/HIT in front of the citizens and the future", 31/10/2017 (http://thessbomb.blogspot.gr/2017/10/t_31.html)

29. Article at the site "thessniki.gr", titled "The latest technology in transport and the success of CERTH/HIT. Presentation of an important project in Thermi" 31/10/2017 (http://www.thessniki.gr/%CE%B7-%CF%84%CE%B5%CE%BB%CE%B5%CF%85%CF%84%CE%B1%CE%AF%CE%B1-%CE%BB%CE%AD%CE%BE%CE%B7-%CF%84%CE%B7%CF%82-%CF%84%CE%B5%CF%87%CE%BD%CE%BF%CE%BB%CE%BF%CE%B3%CE%AF%CE%B1%CF%82-%CF%83%CF%84%CE%B9%CF%82/)

30. Article at the site "Voreini.gr", titled "CERTH/HIT in front of the citizens and the future", 31/10/2017 (http://www.voreini.gr/teleytaia-nea/to-imet-brosta-stous-polites-ke-sto-m/)

31. Article at the site "Thestival.gr", titled "Extravasation is necessary to get out of the crisis", 31/10/2017 (http://www.thestival.gr/society/item/344297-dieuthyntis-imet-i-eksostrefeia-einai-aparaititi-gia-tin-eksodo-apo-tin-krisi)

32. Article at the site "Karfitsa.gr", titled "CERTH/HIT in front of the citizens and the future", 31/10/2017 (https://www.karfitsa.gr/%CE%A4%CE%BF-%CE%99%CE%9C%CE%95%CE%A4-%CE%BC%CF%80%CF%81%CE%BF%CF%83%CF%84%CE%AC-%CF%83%CF%84%CE%BF%CF%85%CF%82-%CF%80%CE%BF%CE%BB%CE%AF%CF%84%CE%B5%CF%82-

%CE%BA%CE%B1%CE%B9-%CF%84%CE%BF-%CE%BC%CE%AD/)

33. Article at the site "Voria.gr", "CERTH/HIT: Electrification, smart port, up to course in primary school", 31/10/2017 (https://voria.gr/article/imeteketailektrokinisi-exipno-limani-mechri-ke-mathima-sta-dimotika)

34. Article at the site "greenagenda.gr", titled "CERTH/HIT: Electrification, smart port, up to course in primary school" 31/10/2017 (http://greenagenda.gr/%CE%B9%CE%BC%CE%B5%CF%84%CE%B5%CE%BA%CE%B5%CF%84%CE%B1-%CE%B7%CE%BB%CE%B5%CE%BA%CF%84%CF%81%CE%BF%CE%BA%CE%AF%CE%BD%CE%B7%CF%83%CE%B7-%CE%AD%CE%BE%CF%85%CF%80%CE%BD%CE%BF-%CE%BB%CE%B9%CE%BC%CE%AC/)

35. Article at the site "typologos.com", titled "CERTH/HIT in front of the citizens and the future", 31/10/2017. (https://www.typologos.com/%CF%84%CE%BF-%CE%B9%CE%BC%CE%B5%CF%84/)

36. Article at the site "newx.gr", titled "The Hellenic Institute of Transport opens its doors to the public", 31/10/2017 (http://www.newx.gr/eidhseis/18276-imet-31-10-17)

37. Interview at the site "inews.gr", titled "Extravasation is necessary to get out of the crisis", 31/10/2017 (http://www.inewsgr.com/333/diefthyntis-imet-i-exostrefeia-einai-aparaititi-gia-tin-exodo-apo-tin-krisi.htm)

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109. Journal "To VIMA", publication and interview regarding the electrification of transport, 07/10/2018.
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MEMBERSHIPS

- Member of the Department of Mechanical Engineering of the University of West Attica
- European Association for Virtual Reality and Augmented Reality (EUROVR)
- Member of the World Conference on Transport Research (WCTR) Society since 2004
- Association of Greek Researchers since 2002
- Association of Greek Transport Engineers (SES) since 1999
- Member of the Hellenic Institute for the Support of Traffic Accidents Victims (EFTHITA) since 1998
- Member of International Federation of Electric Vehicles (AVERE) since 1993
- Member of the Hellenic Institute of Electric Vehicles (HELIEV) since 1993
- Member of the Society of Automotive Engineers (SAE) since 1992

- Member of the Technical Chamber of Greece (TEE) since 1988

OTHER

2020	President of the "Agi Kassoumi" Shooting Club
03.2014	President of the Executive Council of the global certification scheme that classifies hotels' and conference centers' accessibility level, "ACCESSIBILITY PASS".
02.2012	Diploma of "Clerk of the Course" by the "Alternative Fuel Vehicles Cup" of the Federation Internationale de l'Automobile (FIA).
02.2012	Diploma of "Scrutineer" by the Alternative Fuel Vehicles Cup" of the Federation Internationale de l'Automobile (FIA).
02.2012	Diploma of "Steward" by the Alternative Fuel Vehicles Cup" of the Federation Internationale de l'Automobile (FIA).