



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Chalkia Eleni

E-mail

hchalkia@certh.gr

Work experience

Dates

2008-ongoing

Occupation or position held

Research assistant

Main activities and responsibilities

EXPERIENCE IN RESEARCH PROJECTS

1. Participation in European research project GOOD ROUTE (IST-4-027873) - Dangerous Goods Transportation Routing, Monitoring and Enforcement. Especially during the pilot testing and results analysis. Participation at the pilot tests in Finland and organisation of the trials.
2. Participation in European research project ACCESS2ALL (CA-218462) – Mobility Schemes Ensuring Accessibility of Public Transport for All Users, as a research assistant.
3. Participation in European research project Integrated Project OASIS (ICT-215754) – Open Architecture for Accessible Services Integration and Standardisation, as a research assistant.
4. Participation in European research project CATER (IST-5-035030) – Computerised Automotive Technology Reconfiguration System for Mass Customization. Especially during the pilot testing and results analysis.
5. Participation in European research project Integrated Project TELEFOT (ICT-224067) – Field Operational Tests of Aftermarket and Nomadic Devices in Vehicles, as a research assistant.
6. Participation in European research project Integrated Project AEGIS (ICT 224348) – Open Accessibility Everywhere, Groundwork, Infrastructure, Standards, as a research assistant.
7. Participation in European research project ACCESSIBLE (ICT-224145) – Accessibility Assessment Simulation Environment for New Applications Design and Development. Especially in the development of the Use Cases of the project and the Harmonised methodology that combines all the disability types to the available accessibility guidelines and matches the guidance that should be given to the developer depending the disability type of the user, in order for him/her to create an accessible design. Preparation of the Pilot planning for the Greek pilot site and realisation of the pilots, as well as analysis of the results.
8. Technical Manager in European research project SAFEWAY2SCHOOL (SST -233967) – Integrated system for safe transportation of children to school. Especially in the development of the Use Cases of the project and the pilot plan to be followed by all pilot sites. Analysis of the results of the pilots and preparation of CBA and CEA analysis for the viability of the outcomes of the project. Development of Safe School Routing algorithms of the travel of children (pedestrian and vehicle) to and from school. Assistance of the technical manager of the project with managerial and reporting activities.
9. Technical Manager in European research project Integrated Project VERITAS (ICT-247765) – Virtual and Augmented Environments and Realistic User Interactions To achieve Embedded Accessibility DesignS. Especially in the development of the Use Cases of the project and the task models that have been developed in order to be inferred to user models, used by the VR environment.
10. SP leader and evaluation manager in European research project Cloud4all IP (FP7-289016) - "Cloud platforms Lead to Open and Universal access for people with Disabilities and for All"
11. Participation in European research project Integrated Project Prosperity4All (610510) – Ecosystem infrastructure for smart and personalised inclusion and PROSPERITY for ALL stakeholders
12. WP leader in European research project Mobitli4EU (CSA -690732) - Action Plan for the future of Mobility in Europe.
13. Ethics manager in European research project ACTIVAGE project (IoT-732679) – ACTivating InnoVative IoT smart living environments for AGEing well.



14. WP leader in European research project MyTrac Shift2Rail project (777640) - My TRavel Companion.
15. WP leader in European research project SAFE-UP (861570) - Proactively protecting people inside and outside of the vehicle
16. Task leader in European research project URBANISED (101006943)- modUlaR and flexible solutions for urBAN-sized Zero-Emissions last-mile Delivery and services vehicles

EXPERIENCE IN RESEARCH PROPOSALS:

1. Participation in writing the successful proposal EXCROSS (TPT.2011.2-2.) – “Enhanced cross-fertilization and synergies in research actions dealing with safety aspects” which got a total score of 15, by providing input to the writer about the road transportation field. Submitted at December 2010.
2. Participation in writing the successful proposal “i-student trip” (ΣΥΝΕΡΓΑΣΙΑ 2011). Submitted at July 2011.
3. Participation in writing the proposal ITS4VRUs (SST.2012.4.1-4) - “Impacts on Vulnerable Road Users and deployment barriers of Intelligent Transport Systems” which got a total score of 13.50, by providing input to the writer about the impact assessment methodology. Submitted at March 2012.
4. Participation in writing the proposal SW2GO (SST.2012.4.1-4) - “Safe Way To Go” which got a total score of 11.5, by being in the core team of writing the proposal together with VTI and ICOOR. Submitted at March 2012.
5. Participation in writing the successful proposal Prosperity4all IP (Not available yet) -, by being in the core team of writing the proposal mainly providing all input related to the pilots as an SP leader about the pilot tests part of the project. Submitted at January 2013.
6. Participation in writing the proposal ENSURE (H2020-EE-2014-2-RIA) - “ENVIRONMENTALLY friendly Smart URban communities by empowering and integrating the European citizens”. Submitted at June 2014.
7. Participation in writing the proposal CHARLES (H2020- Reflective - 7- 2014) - “Carolingian Hermitages, Abbeys and Religious houses as a Link to European Storyline”. Submitted at September 2014.
8. Participation in writing the proposal PlayITGreen (H2020- EE11-2015) - “Engaging ecosystem for PLAYers Improving Their GREEN attitude to reduce energy consumption”. Submitted at June 2015.
9. Participation in writing the successful proposal FENIX (H2020- NMBP-22-2017) – “Future business models for the Efficient recovery of Natural and Industrial secondary resources in eXtended supply chains contexts” which got a total score of 13.50, by providing input to the writer about the users involvement strategies. Submitted at May 2017.

PUBLICATIONS:

1. Van Isacker K., Goranova-Valkova M., Tsakou G., Chalkia E., Toulou K., (2009) “Brain and skills training applications in a game based environment for older people”. Conference “interactive technologies and games: education, health and disability”. Nottingham, UK.
2. Chalkia E., Bekiaris E., Lopes R, Kastori G.E. and Carriço L., (2010) “Harmonisation of accessibility components in the content of “accessible” project”, ETAPS (European Joint Conferences on Theory and Practice of Software) , Paphos, Cyprus. 27-28 March, 2010
3. Chalkia E., Bekiaris E., (2010) “ACCESSIBLE EU project user cases”, AEGIS Project conference, Seville, Spain, 7-8 October, 2010.
4. Anund A., Renner L., Dukic T., Nikolaou S., Chalkia E. and Bekiaris E., (2010) “Integrated system for safe transportation of children to school (SAFEWAY2SCHOOL)”, Road Safety on Four Continents conference, Abu Dhabi, 28-30 March, 2010.
5. Chalkia E., Bekiaris E., (2010) “The ACCESSIBLE Software Applications Accessibility Assessment Tools and Evaluation Framework”, Confidence conference proceedings pp.47-58, Jyväskylä Finland, December 2010.
6. 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”. European Journal of ePractice, ISSN: 1988-625X, N 10, September 2010
7. Chalkia E., Bekiaris E., Diederichs F., (2011) “Enhancement of school transportation safety by using innovative integrated technologies”, PIARC Conference, Mexico, 26-30 September, 2011.
8. Chalkia E., Bekiaris E., (2011) “A harmonised methodology for the components of software applications accessibility and its evaluation”, HCII, Florida, doi: 10.1007/978-3-642-21672-5_22

9. Kalogirou K., Chalkia E., Diederichs F., (2012) "An application for the information of children according their school transportation", TRA, Athens, doi: 10.1016/j.sbspro.2012.06.1016
10. Chalkia E. and Bekiaris E., (2012) "Virtual and augmented environments and realistic user interactions to achieve embedded accessibility designs, the VERITAS project Use Cases methodological framework and outcomes", IMETI 2012 - 5th International Multi-Conference on Engineering and Technological Innovation, Proceedings. Pages 114 - 119.
11. Melcher V., Kruger A. and Chalkia E., (2013) "Managing Preferences in the Cloud – Requirements and UI Design", AAATE2013, Portugal, Assistive Technology Research Series. Volume 33, Pages 1372 - 1377. doi: 10.3233/978-1-61499-304-9-1372
12. Chalkia E., Salanova M., Bekiaris E., Ayfandopoulou G., Ferarini C., Mitsakis E., (2014) "Routing algorithms for the safe transportation of pupils to school using school buses", Transport Research Arena -TRA, Paris
13. Loitsch C., Chalkia E., Bekiaris E., Weber G. (2014) Tailored versus Prioritized Configuration towards Accessibility – A Study on Weighted Preferences. In: Stephanidis C., Antona M. (eds) Universal Access in Human-Computer Interaction. Design and Development Methods for Universal Access. UAHCI 2014. Lecture Notes in Computer Science, vol 8513. Springer. Doi: 10.1007/978-3-319-07437-5_24
14. Chalkia E., Montalva Colomer J. B., de los Rios Perez S., Carmona Rojo I. (2014) "Evaluating the Global Public Inclusive Infrastructure: Cloud4all Evaluation Framework". HCII, Crete, doi: 10.1007/978-3-319-07509-9_34.
15. Chalkia E., Bekiaris E., Panou M., Loukea M. (2015) The Expansion of a Scheme About ACCESSIBILITY in Tourism at the Cultural Sector. In: Antona M., Stephanidis C. (eds) Universal Access in Human-Computer Interaction. Access to the Human Environment and Culture. UAHCI 2015. Lecture Notes in Computer Science, vol 9178. Springer. Doi: 10.1007/978-3-319-20687-5_3
16. Chalkia E., Bekiaris E., Madrid R. I. (2015) "Evaluating all-inclusive ICT with developers, end users and stakeholders". HCII, Los Angeles. doi: 10.1007/978-3-319-20892-3_16.
17. Chalkia E., Salanova Graua J.M., Bekiaris E., Ayfandopoulou G., Ferarini C., Mitsakis E. (2016) Bus routing safety for the transportation of children to school. In the *International Congress of Automotive and Transport Engineering*, Brasov, Romania, doi: 10.1007/978-3-319-45447-4_74.
18. Chalkia, E., Bekiaris, E., Madrid, R. I. (2017). How do needs and preferences of a user, match the settings of the interfaces they use. In the 7th International Conference on Applied Human Factors and Ergonomics, 27-31 July 2016, Florida, USA, doi: 10.1007/978-3-319-41685-4_25.
19. Chalkia E., Mueller B., L'Hostis A. (2017). The role of societal resistance in transportation innovation. ICTR conference, Thessaloniki, Greece, doi : 10.5281/zenodo.1216917.
20. Chalkia E., Sdoukopoulos E., Bekiaris E., (2018) Risk analysis of innovative maritime transport solutions using the extended Failure Mode and Effects Analysis (FMEA) methodology. MARTECH2018, Lisbon, doi: 10.1201/9780429505294-57.
21. Chalkiadakis Ch., Iordanopoulos P., Mitsakis E. and Chalkia E. (2018) The use of social computing in travelers' activities preference analysis. CSUM2018, Skiathos, doi: 10.1007/978-3-030-02305-8_37
22. L'Hostis A., Chalkia E., de la Cruz M.T., Müller B., Keseru I. (2019) Societal Trends Influencing Mobility and Logistics in Europe: A Comprehensive Analysis. In: Müller B., Meyer G. (eds) Towards User-Centric Transport in Europe. Lecture Notes in Mobility. Springer, Cham, doi: 10.1007/978-3-319-99756-8_3
23. Bierau-Delpont F., Müller B., Napoletano L., Chalkia E., Meyer G. (2019) Building an Action Plan for the Holistic Transformation of the European Transport System. In: Müller B., Meyer G. (eds) Towards User-Centric Transport in Europe. Lecture Notes in Mobility. Springer, Cham, doi: https://doi.org/10.1007/978-3-319-99756-8_1
24. Panou M., Bekiaris E., Chalkia E. (2019) Personalised Driver and Traveller Support Systems, Book Chapter Towards User-Centric Transport in Europe
25. Chalkia E., Bekiaris E., Yannis G, "Affective interfaces: a conceptual framework of emotional design at mobile routing applications", Proceedings of the 8th Transport Research Arena TRA 2020 Conference (Helsinki, Finland, 27-30 April 2020). Conference Cancelled.

Type of business or sector

European and national Projects related to the transport sector and specifically in the fields of road safety, transportation management, public transport, ITS, accessible design, evaluation planning and testing, children transportation to and from school, ICT, Cloud computing, personalised interfaces, people with disability and their needs, accessibility and interfaces.

Education and training

Dates	01.2018-to date
Title of qualification awarded	PhD Candidate
Principal subjects/occupational skills covered	Civil Engineering specialised in Transportation issues
Name and type of organisation providing education and training	National Technical University Athens (NTUA)
Level in national or international classification	PhD Candidate
Dates	07.2009
Title of qualification awarded	Master in Science
Principal subjects/occupational skills covered	Design, Organisation and Management of systems of means of transport
Name and type of organisation providing education and training	Aristotle University of Thessaloniki (AUTH)
Level in national or international classification	MsC
Dates	07.2007
Title of qualification awarded	Graduate Degree of Civil Engineering in Aristotle University of Thessaloniki (5 years studies)
Principal subjects/occupational skills covered	Civil Engineering specialised in Transportation issues
Name and type of organisation providing education and training	Aristotle University of Thessaloniki (AUTH)
Level in national or international classification	Diploma

Personal skills and competences

Mother tongue(s) Greek

Other language(s) English

Self-assessment
European level ()*

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

(*) [Common European Framework of Reference for Languages](#)

Computer skills and competences NGene, MSOffice, MS Visio, Internet, Autocad, ARC-GIS, ARC-VIEW, EPANET, Open Office.

Artistic skills and competences Music, Piano, Guitar, Harmony degree, Contemporary dance, Tennis, Interior Design.

Driving licence YES (Category B)