

PERSONAL INFORMATION

Areti Kotsi



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Sex Female | Date of birth 09/05/1990 | Nationality Greek

WORK EXPERIENCE

07.2017-09.2018

Research Associate

Project “Accelerating C-ITS Mobility Innovation and deployment in Europe - C- Mobile”

Responsibilities: Definition of requirements and specifications for C-ITS - Execution of Cost-Benefit Analysis for C-ITS - Design of C-ITS architectures - Coordination of large-scale development and implementation of C-ITS services in Thessaloniki, Greece - Impact assessment and evaluation of C-ITS services - Participation in technical dissemination activities

Center for Research and Technology Hellas (CERTH) - Hellenic Institute of Transport (HIT), 6th km Charilaou-Thermi Rd, GR 57001 Thermi, Thessaloniki, (<https://www.certh.gr/>)

01.2017-04.2017

Transport Engineer - Consultant

Urban renewal of the Fanarioton Square in the City of Thessaloniki

Stavros Niarchos Foundation Cultural Center (SNFCC), Syggrou Avenue 364, 17674 Kallithea, Athens, (<https://www.snfcc.org/>)

MAKRIDIS ASSOCIATES, Georgiou Papandreou 49, 546 46, Thessaloniki, (<http://www.makridisassociates.com/>)

2016-2017

Internship

Research and Innovation projects in the fields of Intelligent Transportation Systems (ITS) and Cooperative Intelligent Transportation Systems (C-ITS)

Responsibilities: Definition of requirements for C-ITS, Cost-Benefit Analysis for C-ITS

SWARCO HELLAS S.A., Vrioulon 78C, Kalamaria, 55132, Thessaloniki, (<http://www.swarco.gr>)

EDUCATION AND TRAINING

10.2018-today

PhD Candidate in C-ITS-enabled Dynamic Traffic Management

Aristotle University of Thessaloniki, Faculty of Engineering, School of Civil Engineering

2015-2016

MSc in Planning, Organisation and Management of Transportation Systems

Aristotle University of Thessaloniki, Faculty of Engineering, School of Civil Engineering

MSc Thesis: “Estimation of motorized mobility shares of private cars, buses and metro in Thessaloniki, after 2020, using Logit models”

2008-2015

MEng in Civil Engineer

National Technical University of Athens, School of Civil Engineering, Department of Transportation Planning and Engineering

MEng Thesis: “General Investigation and Special Requirements for rail freight”

PERSONAL SKILLS

Mother tongue Greek

Other languages

UNDERSTANDING

SPEAKING

WRITING

	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	B2	B2	B2	B2	B2
Digital skills	Microsoft Office, SAP ERP, AutoCAD 2D, AutoCAD 3D, IBM SPSS, ArcGIS, PTV Visum, Aimsun				

ADDITIONAL INFORMATION

Research interests Modeling and simulation of connected, cooperative, and automated mobility systems, Intelligent Transportation Systems, Cooperative Intelligent Transportation Systems, Impact assessment, Transport policy & economics

Publications in peer reviewed conferences (contd.)

- P.1. E. Mitsakis, A. Kotsi, V. Mizaras (2017) Next generation of Cooperative Intelligent Transport Systems, Smart Cities and Mobility as a Service Conference 2017, Patras, Greece.
- P.2. E. Mitsakis, A. Kotsi (2017) Costs and benefits of bundled C-ITS services. The C-MoBLE approach, Smart Cities and Mobility as a Service Conference 2017, Patras, Greece.
- P.3. M. Lu, O. Türetken, E. Mitsakis, R. Blokpoel, R. Gilsing, P. Grefen, A. Kotsi (2018) Cooperative and connected intelligent transport systems for sustainable European road transport, Transportation Research Arena TRA 2018, Vienna, Austria.
- P.4. E. Mitsakis, A. Kotsi (2018) Cooperative Intelligent Transport Systems as a policy tool for mitigating the impacts of climate change on road transport, 4th Conference on Sustainable Urban Mobility CSUM 2018, Skiathos, Greece.
- P.5. E. Mitsakis, A. Kotsi (2019) Ex-ante Cost-Benefit-Analysis of Cooperative Intelligent Transportation Systems, Transportation Research Board 98th Annual Meeting TRB 2019, Washington DC, U.S.A.
- P.6. P. Hofman, A. Kotsi, E. Mitsakis, J. Vreeswijk (2019) Smart mobility services as a tool for road operators, 13th ITS Europe Congress 2019, Eindhoven, Netherlands.
- P.7. A. Kotsi, T. Lusco, E. Mitsakis (2019) Harmonization and interoperability of Cooperative Intelligent Transportation Systems Architectures in Europe and USA, 8th International Congress on Transport Research 2019, Athens, Greece.
- P.8. A. Kotsi, D. Tzanis, E. Mitsakis (2019) Overview of Cooperative Intelligent Transportation Systems Deployment Projects in Europe and USA, 8th International Congress on Transport Research 2019, Athens, Greece.
- P.9. K. N. Porfyri, A. Kotsi, E. Mitsakis (2019) A microsimulation approach for the impact assessment of a Vehicle-to-Infrastructure based Road Hazard Warning system, 8th International Congress on Transport Research 2019, Athens, Greece.
- P.10. A. Kotsi, E. Mitsakis, V. Psonis (2019) C-ITS bundling for integrated traffic management, 8th International Congress on Transport Research 2019, Athens, Greece.
- P.11. K. N. Porfyri, A. Kotsi, E. Mitsakis (2019) A microsimulation approach for the impact assessment of a Vehicle-to-Infrastructure based Road Hazard Warning system, IEEE 22nd Intelligent Transportation Systems Conference ITSC 2019, Auckland, New Zealand.
- P.12. A. Kotsi, E. Mitsakis, V. Psonis (2020) Coordinated provision of C ITS services for Dynamic Traffic Management, IEEE 23rd Intelligent Transportation Systems Conference ITSC 2020, Virtual Conference.
- P.13. A. Kotsi, I. Politis, E. Mitsakis (2020) A Game Theory Framework for the Coordinated Provision of C-ITS Services in Dynamic Traffic Management, IEEE 23rd Intelligent Transportation Systems Conference ITSC 2020, Virtual Conference.
- P.14. A. Kotsi, E. Mitsakis, D. Tzanis (2020) Overview of C-ITS Deployment Projects in Europe and USA, IEEE 23rd Intelligent Transportation Systems Conference ITSC 2020, Virtual Conference.
- P.15. A. Kotsi, E. Mitsakis, V. Psonis (2020) Coordinated Provision of C-ITS Services for Dynamic Traffic Management, 3rd Symposium on Management of Future Motorway and Urban Traffic Systems MFTS 2020, Luxemburg.

Participation in conferences

- 8th International Congress on Transportation Research, Thessaloniki, 2017.
- Intelligent Transportation Systems in Greece, Athens, 2018.
- EUCAD Connected and Automated Driving Conference, Brussels, 2019
- ITS Europe 2019, Netherlands, 2019
- Intelligent Transport Systems in Greece, Athens, 2019

Participation in research projects

Acronym: C-MoBLE
Proposal Title: Accelerating C-ITS Mobility Innovation and deployment in Europe
Call Identifier: H2020-MG-2016-2017
Type of Action: IA

Participation in educational seminars

- Educational Seminar “Enterprise resource planning and Applications with SAP software”, Center of Education and Lifelong Learning - International Hellenic University, Department of Accounting and Information Systems, Thessaloniki, 12/12/2015.
- Interactive Seminar “Soft Skills Academy”, National Technica University of Athens, EESTEC Athens, 06-07/06/2015.
- Seminar “IP&S Solutions: Web of Science, Journal and Highly Cited data, Incites”, National Technical University of Athens, Thomson Reuters, 05/06/2015.
- Seminar “Core skills” and “Meso, hybrid, macro”, CERTH-HIT, Aimsun, Thessaloniki, 02-05/12/2019.

Subscriptions

- Member of the Technical Chamber of Greece Τεχνικού Επιμελητηρίου Ελλάδας (TEE-TCG)