

Event: **ENERGY in TRANSPORTATION 2017**  
 Date: **Saturday October 21, 2017**  
 Place: **Athens, Hellas**

<b>#</b>	<p><b>Dimitris Tsiamitros</b>                  Dr Electrical &amp; Computer Engineer</p>	
Title:	Assistant Professor at Western Macedonia University of Applied Sciences (TEIWM)	
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Presentation title:	<p><b>Intelligent Transportation Systems Applications for Energy Efficiency and GHG-Emissions Reduction Purposes</b></p>	
<p>The main objective of this proposal is to present Intelligent Transportation Systems (ITS) tools and technologies that lead to: (a) energy savings in freight transport, (b) efficient and smart charging scheduling of electric transportation means, and (c) optimal electricity grid and Distributed Energy Resources (DER) operation. This ITS technology is proposed in the framework of CROCODILE 2 project, which aims to improve cross-border traffic and transport through the implementation of harmonized and synchronized ITS applications and pilot systems and services related to Safe and Secure Truck Parking Areas (SSTPAs).</p>		

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CV:

He has received the Ph.D. degree in Electrical and Computer Engineering from the Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, GREECE and the respective diploma from the same University. He is now an Assistant Professor at the Department of Electrical Engineering, University of Applied Science of Western Macedonia, Kozani, GREECE. He is also Scientific Responsible of TEIWM at the CEF program Crocodile 2 and Project Manager at the IPA Cross-Border Programme "Greece-FYROM 2007-2013 projects with Acronyms PEEBPE and BIOFOSS. He was Principal Investigator at the Bilateral Research & Technology Cooperation Greece-Turkey 2013-2014 – "Smart Electric Energy Management and Buildings Energy Efficiency Technologies project-SEEMBEET". He is member of the Interreg Europe projects with acronyms FINERPOL and SUPER and of many regional projects. He received a Basic Research Scholarship during his PhD studies. He is/was reviewer at Electric Power Systems Research (EPSR) Journal, the IET Proceedings on Generation, Transmission and Distribution (IET-GTD), the IEEE Transactions on Electromagnetic Compatibility (IEEE-EMC), the IEEE Transactions on Power Systems Journals and he served as Scientific Evaluator of the Hellenic Electricity Distribution Network Operator (HEDNO). He is the ASHRAE student branch advisor of the first ASHRAE student branch in Greece and Vice-President of the National Mechanical & Electrical Engineers Association / West Macedonia branch. He is coauthor of 13 (thirteen) publications at International Journals with reviewers and of over 20 publications at International Conferences with Reviewers.