


Event:  
Date:  
Place:

**ENERGY in BUILDINGS 2017**  
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Athens, Hellas



<b>#</b>	<p><b>Dimitris Tsiamitos</b> Dr Electrical &amp; Computer Engineer</p>	
Title:	Assistant Professor at Western Macedonia University of Applied Sciences (TEIWM)	
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Presentation title:	<b>New ICT infrastructure for the efficient energy management in Buildings in the framework of the smart grids trend</b>	
<p>The main objective of this paper is to present a new and cost-effective ICT tool that can lead to efficient energy management in buildings and optimal operation of electricity networks with increased share of Renewable Energy Sources (RES). The new ICT infrastructure is based on the Digital Audio Broadcasting (DAB) standard and its interoperability.</p>		
CV:	<p>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 &amp; 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 &amp; 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.</p>	