


Event:  
Date:  
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## Energy in Buildings Athens Conference 2023

Saturday November 11, 2023  
Grand Hyatt Athens, Hellas



#	<b>Christos Gekas</b> <b>Mechanical Engineer NTUA</b>	
Title:	AS Spec In & Academy Asst. Manager	
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Presentation title:	" Efficient Energy Management in Variable Refrigerant Flow Systems through Artificial Intelligence"	
<p>Artificial intelligence implements human intellectual abilities such as thinking and learning through computers, and includes machine learning and deep learning. Machine learning is a field of technology that allows computers to learn on their own through experience, and finds rules between un coded actions by inputting data and answers. Deep learning is a technique that connects artificial neural networks in the form of numerous layers by citing the way human neurons process information.</p> <p>What are the benefits of using AI in a HVAC system? First, energy saving. Second, it keeps the indoor environment pleasant Third, you can receive maintenance service more conveniently than before while using the product. Focusing on these three benefits that can be felt while using the VRF system the corresponding functions will be explained one by one.</p>		
Short CV:		
<p>Christos Gekas - NTUA Mechanical Engineer.</p> <p>Employed in LG Electronics Hellas since 2007, he is responsible for technical support (pre/after sales) the training of all customers and partners and spec in activities.</p>		
CV:		
<p>Graduated from Mechanical Engineering Department of the National Technical University of Athens.</p> <p>From 1999 up to 2007 he worked at FG Europe as a sales engineer</p> <p>From 2007 he has been working in LG Electronics as Air-Conditioning Academy Supervisor at in charge of the training program and then was promoted to AS Spec In &amp; Academy Asst. Manager.</p> <p>In addition, he is in charge of coordinating pre-sales and after-sales technical support.</p>		