


Event:
Date:
Place:

ENERGY in BUILDINGS 2019
Saturday September 28, 2019
Athens, Hellas



#	<p>Jörg Scherrer Mechanical Enigneer FH, EMBA</p>	
Title:	Product Manager at Belimo Automation AG, Hinwil, Switzerland	
email:	Joerg.scherrer@belimo.ch	•
Presentation title:	Intelligent Control Valves for HVAC Systems	
<p>Good, energy-efficient HVAC system results from the interaction of hydraulics and building automation. Temperature spread monitoring (Delta T) is necessary to ensure the efficient operation of a system over its entire life cycle. If a heating or cooling system is operated with excessively high water quantities, this cannot be converted into a higher heating or cooling capacity.</p> <p>However, the temperature spread between supply and return flow is reduced. The so-called Low Delta T syndrome occurs. This impairs the efficiency of the complete system and leads to additional energy requirements at the pumps and the generator. The Low Delta T syndrome can be caused by a variety of system problems such as operational contamination of the heat exchanger, incorrectly dimensioned control valves, lack of hydraulic balancing and differential pressure fluctuations.</p> <p>Today's intelligent valves reliably prevent the occurrence of Low Delta T Syndrome and provide maximum comfort with the lowest possible use of energy. All data can be conveniently viewed via a cloud connection and the settings can also be adjusted at any time during operation via remote access.</p>		
CV:		
<p>Studies focusing on production engineering and development technology and integrated management procedure.</p> <p>2012 to 2014 establish a professional product development engineering team with responsibility for Asia/Pacific in Shanghai, CN.</p> <p>Ensure a high quality of technical solutions and technical data according Product Development Process</p> <p>Since 2014: Product Manager Europe for Water Solutions at Belimo Automation AG. Responsible for the electronic pressure independent valve systems. Market tracking in the regions and design of new products and solutions, to secure the positive development of the product portfolio in all the regions. Taking responsibility of the product range during the entire product lifecycle (concept, market launch, development and replacement)</p>		