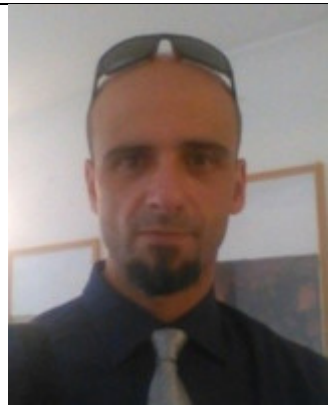


Event:  
Date:  
Place:

**ASHRAE Chapter Regional Conference 2019**  
Thursday September 26 – Sunday September 29, 2019  
Athens, Hellas



<b>#</b>	<b>Emiliano Pellis</b> Mechanical Engineer	
Title:	Export Area Manager CLINT / G.I. INDUSTRIAL HOLDING SpA	
email:	e.pellis@gind.it	•
Presentation title:	<b>Low GWP refrigerants for NEW Chiller generation</b>	
<p>The most relevant challenge of the HVAC Industry is currently the migration from traditional HFC-refrigerants to new refrigerants with lower Global Warming Potential (GWP), that means lower environmental impact.</p> <p>The target of this transition is to contribute and comply with the Low Carbon Road Map 2050 set by the European Union to dramatically reduce the overall CO2 emissions.</p> <p>For HVAC products the major regulations that drive the process are the Ecodesign Directive (focus: energy efficiency – target: reduce the indirect CO2 emissions) and the F-GAS regulation (focus: GWP level – target: reduce CO2 direct emissions)</p> <p>With focus on chillers, the presentation will show a sustainable low GWP refrigerants map to gradually replace R410A (SCROLL compressor chillers) and R134a (SCREW, CENTRIFUGAL chillers) - considering key factors as the refrigerant availability, the GWP value, the safety class, the impact on the chiller energy performance.</p>		
CV:	<p>Mechanical engineer, graduated in 2004. I have started to work in the Automotive sector (BMW and Ford) covering positions in the technical support area. In 2006 I moved to HVAC sector: have been working for 10 years for McQuay / Daikin Applied in Rome, covering the position of Chiller Product Manager, responsible for Product marketing and technical support in close cooperation with Sales Dept. Then I started to be active 100% on business development and technical sales by moving to G.I. Industrial Holding SpA, located 100km from Venice and part of the International G.I. Holding Group. The Company manufactures Chillers, Air Handling Units, Fan coils, Rooftops and Close Control units, and I currently cover the position of Export Area Manager, responsible for sales in Greece, UK, Ireland, Spain, Portugal, Cyprus, Hungary, Slovakia, Czech Rep., Bulgaria and Romania.</p>	