

HALF DAY SEMINAR ON CURRENT TRENDS IN DATA CENTER AIR & LIQUID COOLING AND ENERGY-EFFICIENT AHU DESIGN

This seminar is exclusively open to Professional Engineers, Consulting Engineers, and M&E Consultants.



**Date : 1st July 2026
(Wednesday)**



Time : 1.00pm - 7.00pm



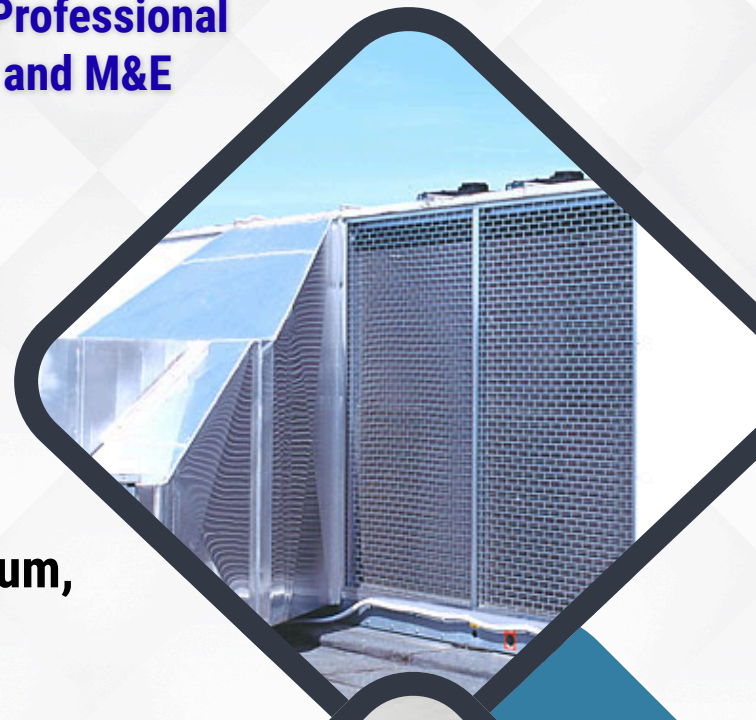
**Venue : Malakoff Auditorium,
Wisma IEM, PJ**



**BEM CPD: 3
Ref. No.: Applying**



**Registration Fees
IEM Student: FOC
IEM Members: RM50
NON-IEM Members: RM100**



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Organised by:
Mechanical Engineering
Technical Division, IEM

Synopsis

THE PROGRAMME HIGHLIGHTS CUTTING-EDGE HVAC AND DATACENTER COOLING INNOVATIONS. AFTER A WELCOME BY ALBERTO CATULLO AND CAREL'S INTRODUCTION BY NICOLA VIRDIS, ENRICO BOSCARO EXPLORES ENERGY-SAVING COOLING TECHNOLOGIES. FOLLOWING A TEA BREAK, GABRIELE PUTZOLU DISCUSSES EFFICIENCY IMPROVEMENTS IN AIR HANDLING UNITS FOR RESIDENTIAL AND COMMERCIAL BUILDINGS. THE EVENT CONCLUDES WITH OPEN TALKS AND NETWORKING DINNER, OFFERING PARTICIPANTS VALUABLE INSIGHTS INTO SUSTAINABLE COOLING SOLUTIONS AND INDUSTRY TRENDS.

| Time | Programme |
|--------------------------|---|
| <i>1300-1330 hrs:</i> | Registration |
| <i>1330-1345 hrs:</i> | Welcome Speech >> Alberto Catullo, Chief Executive Officer – APAC Region |
| <i>13:45 – 14.00 hrs</i> | Carel Introduction >>> Nicola Virdis GROUP SOLUTION MARKETING Director HVAC |
| <i>14:00-1500 hrs:</i> | Current trends in datacenter air and liquid cooling: technologies to optimize Energy Saving >> Enrico Boscaro GROUP SOLUTION MARKETING MGR. HVAC INDUSTRIAL |
| <i>1500-1530 hrs:</i> | Tea Break |
| <i>1530-1630 hrs:</i> | Improving the Efficiency of Air Handling Units in Residential and Commercial Buildings >> Gabriele Putzolu GROUP SOLUTION MARKETING MGR. HVAC INDUSTRIAL |
| <i>16:30 – 1700 hrs</i> | Conclusions and open talks |
| <i>17:00~19:00 hrs</i> | Dinner |



Speake's Line Up



Enrico Boscaro is Group Solution Marketing manager for HVAC industrial applications inside CAREL Industries SpA. He graduated from Department of Management and Engineering of Padua University and worked in HVAC companies since 2000. Enrico joined CAREL in 2004 following B2B developments of integrated control solutions with some of the major Italian manufacturers of AHU, chillers and CRACs. Since 2008, he is focusing on datacenter applications to identify industry trends and technology innovations, to drive research and development of energy efficient devices and their integration with controls. One of the objectives of this role is to deepen and share the knowledge of the most innovative solutions for energy efficiency in temperature and humidity control as a contribution to continuous improvement for this industry. He was a speaker at several congresses on the subject and an active blogger in CAREL's website on the latest trends for the datacenter industry. He was appointed as chairman of the IT cooling task force inside Eurovent " leading a working group to support the Institutions on the datacenter matter. Soon a white paper on datacenter technologies will be published.



Gabriele Putzolu is Group Solution Marketing manager for HVAC commercial applications inside CAREL Industries SpA. He graduated from Department of Electronic Engineering of Padua University and worked in different B2B industry sectors since 2005. He is an international business and strategic development manager with more than 20 years of experience in commercial building solutions in HVAC, IoT, connected systems, smart building and lighting technologies. Throughout his career, he has combined strategic vision, market insight, and customer-centric innovation to drive sustainable business growth worldwide. Gabriele has developed extensive expertise in building strategic partnerships, expanding business ecosystems, and translating complex customer needs into clear value propositions and profitable growth opportunities. He has successfully led emerging businesses beyond critical adoption phases, increasing market share and long-term profitability while managing solution portfolios responsibility. Focused on the future of commercial buildings, Gabriele's role enables sustainable growth, energy efficiency, and digital transformation through long-term partnerships and innovation-driven market strategies

