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Stefano Paolo Corgnati

PROFILE

Stefano Paolo Corgnati, graduated with honors in Mechanical Engineering and Ph.D in Energetics, is Full Professor at the Energy Department of the Politecnico di Torino, where he teaches building physics, energy systems in buildings and sustainable building design, mainly in the courses of Architecture and Energy Engineering.

At present, he is Vice-Rector for Research at Politecnico di Torino and he was member of the Administrative Board of the Politecnico too.

He is President of Rehva (European Federation of HVAC Associations); from 2011 he was Rehva Vice-President and member of Rehva Board of Directors, where in 2014 he was nominated Treasurer.

He was member of the Directive Board of AICARR (Italian Association of Air Conditioning) from 2008 to 2011 and AICARR delegate for relations with Rehva.

He works in the TEBE research group (www.polito.it/tebe) focusing on energy&buildings and indoor environmental control. He is actively involved in the Socrates/Erasmus teaching mobility EU program, establishing continuous activity with Danish Technical University of Copenhagen, Aalborg University, Istanbul Technical University, University of Coimbra (Portugal) and ETSAB of Barcellona.

He is the author of more than 300 scientific, technical and didactic publications, mainly concerning: radiant panels technologies, objective and subjective assessment of indoor environmental comfort, building energy certification, influence of occupant behavior on building energy consumption and cost-optimal design of zero energy buildings. For the quality of his research activity, he won in 2009 the Rehva “Young Scientist Award”. Moreover, in 2011 he was nominated “Rehva Fellow”.

He is involved in a number of National, European and International Research Projects on building energy consumptions. Within the projects of the International Energy Agency (IEA), he is subtask leader of ECBCS - Annex 53 “Total Energy Use in Buildings” and co-subtask leader of ECBCS - Annex 59 “High Temperature Cooling & Low Temperature Heating in Buildings”. He is chair of the REHVA Task Force on “Indoor Climate Quality Assessment” and editor of the Rehva

Guidebook on this topic; he is also chair of the REHVA Task Force on “Reference Buildings for energy performance and cost optimal calculations” and co-chair on “Nearly Zero Energy Building in Mediterranean Climate and South Europe”.

He was the co-director and then director of the Research Competence Centre for “Indoor Environment and Energy Management” of Telecom at Politecnico di Torino.

He is the co-chair of LAME (Energy Modeling and Analyses Lab) of the Dep. of Energy of Politecnico di Torino.

From November 2014, he is member of the Executive Committee of the Energy Centre of Torino.

From 2008 to 2010, he was member of the Editorial Board of the Journal “CDA” (Condizionamento dell’Aria, Air Conditioning) and of the following “AICARR Journal”, official journals of AICARR.

He is Associate Editor of Rehva Journal and member of the Editorial Board of Building and Environment.

In 2009 and 2010, he was coordinator of the working group of Politecnico di Torino aimed at supporting Piedmont Region for the implementation and application of Building Energy Certification.