QUALICHeCK International Workshop on Summer Comfort Technologies in Buildings

Athens, 9-10 March 2016
Metropolitan Hotel
385, Sygrou Avenue, Athens Greece

PROGRAMME

DAY 1

08:30-09:00 Registration

09:00-09:45 MODULE 1 - Opening Session
  Chairperson: Mat Santamouris
  Overall Introduction
  Peter Wouters, INIVE
  Challenges for sustainable summer comfort
  Mat Santamouris, National Kapodistrian University of Athens, Greece
  Overview of technological development in passive cooling and high efficiency active cooling
  José Molina, Seville University

09:45-10:15 Coffee break

11:15-12:00 MODULE 2 - Setting the frame - Overall summer comfort issues
  Chairperson: Jaap Hogeling
  Status on ventilative cooling
  Per Heiselberg, Aalborg University
  Policies and instruments for increasing buildings energy efficiency: Experience from the Greek Program “Energy Efficiency at Household Buildings”
  Margarita Karavasili, Architect, Urban Plannet, Citizens Inspectorate for Sustainable Development
  Crossroads between architecture, urbanism and renewable energy sources
  Nikos Fintikakis, Architect, Synthesis & Research Ltd

12:00-14:00 Lunch

14:00-15:30 MODULE 3 - Solar Control
  Supported by ES-SO. Chairpersons: José Molina & Aan Van Eyken
  Characterisation of solar control properties - Compliant product data
  Wouter Beck, Ascendilex
  Product database ESSO DB
  Dave Bush, ES-SO Chair of ESSDA
  Quality of system and the works of solar shading devices
  Ann Van Eyken, Secretary-General ES-SO

15:30-16:00 Coffee break

16:00-17:30 MODULE 4 - Ventilative Cooling
  Supported by Venticool. Chairpersons: Theoni Karlessi & Ivan Pollet
  Assessment of ventilative cooling and solar shading
  Ivan Pollet, Renson Ventilation
  Ventilative cooling in Spain
  José Molina, University of Seville, Spain
  A Greek study on quality of works, compliance with existing legislation and reliability of EPC data
  Theoni Karlessi, National Kapodistrian University of Athens, Greece
  Some key aspects to consider ventilative cooling in energy performance regulations
  François Rémi Carrié, ICEE

17:30-18:00 MODULE 5 - Standardisation
  Chairpersons: Theoni Karlessi and Ivan Pollet
  Status of CEN work on the new set of EPBD standards
  Jaap Hogeling, Chair of CEN TC 371
  Conclusions of 1st Day

18:00 End of the day

DAY 2

08:30-09:00 Registration

09:00-11:00 MODULE 6 - Cool Roofs
  Supported by ECRC. Chairpersons: Denia Kolokotsa & Theoni Karlessi
  Recent progress on Cool Materials in Europe: The role of European Cool Roofs Council
  Denia Kolokotsa, Chair of the Board of Directors of European Cool Roofs Council
  Cool roofs standards and the ECRC product rating program
  Afroditi Synnefa, Technical Committee Leader of the ECRC
  Cool Roofs Markets and practical experiences
  Heinz Meier, Sika Services AG - Building Systems & Industry, Switzerland
  Policy and regulatory framework of Cool Roofs in European and International level
  Russell Evans, Business Development Manager, Huntsman International LLC

11:00-11:30 Coffee break

11:30-13:30 MODULE 7 - Closing session and QUALICHeCK perspectives
  Chairperson: François Durier
  QUALICHeCK source books presentation and discussion
  QUALICHeCK
  Can the smart grid and BIM be a major game changer for indoor climate control?
  Peter Wouters, INIVE
  Voting session
  François Rémi Carrié, ICEE
  Summing up of workshop findings
  Closure of workshop

13:30-14:30 Lunch

Co-funded by the Intelligent Energy Europe Programme of the European Union