



39th AIVC Conference

Smart ventilation for buildings

18 - 19
September 2018

Antibes Juan - les - Pins
Conference Centre, France

7th TightVent Conference
5th venticoool Conference



Energy and climate goals have been shaping many countries' policy and legislative agendas in the EU and beyond in the past decade. The building sector plays a crucial role in achieving these goals, considering the energy use attributed to buildings and its huge potential for improved energy performance.

Better performing buildings must ensure an acceptable Indoor Environmental Quality (IEQ), by providing higher Indoor Air Quality (IAQ) and comfort levels for their occupants. Building ventilation entails both challenges and opportunities to achieve this goal.

A specific challenge lies in providing smart ventilation-i.e. the desired IAQ benefits while minimising energy use, utility bills and other non-IAQ costs (such as thermal discomfort and noise). Building ventilation should also help prevent overheating with little energy use. Nevertheless, the correct functioning of ventilation systems, whether natural, mechanical or hybrid should not be compromised by excessive infiltration and uncontrolled airflows. While experience shows that these hurdles are difficult to pass, they also represent fantastic opportunities for design, method, and product development.

This is the context defining the core theme of the joint 39th AIVC, 7th TightVent and 5th venticool Conference as “Smart ventilation for buildings”

The event will place its focus on:

- Smart ventilation, IAQ and health relationships
- Ventilation and airtightness
- Ventilative cooling - Resilient cooling

The conference is organised by:

- CETIAT, the French technical centre for the heating, ventilation and air conditioning industries.
- ADEME, the French environment and energy management agency.
- INIVE, the International Network on Ventilation and Energy Performance on behalf of the Air Infiltration and Ventilation Centre (AIVC), TightVent Europe (the Building and Ductwork Airtightness Platform), and venticool (the international platform for ventilative cooling);

IMPORTANT DATES

Conference Dates: 18-19 September 2018
Deadline for abstract submission: March 1, 2018

Notification of abstract acceptance: April 1, 2018
Deadline for full paper submission: June 10, 2018

CONFERENCE VENUE

The conference will be held in **Antibes Juan-les-Pins Conference Centre, France**

The conference will start on Wednesday September 18th, 2018 and will end on Thursday September 19th, 2018
Full programme will be available by the end of August 2018

SCIENTIFIC INFORMATION

The conference will consist of 3 parallel tracks largely devoted to:

1. Smart ventilation, Indoor Air Quality (IAQ) and health relationships
2. Ventilation and Airtightness
3. Ventilative cooling - Resilient cooling

The conference will consist of a mixture of:

- Well-prepared and structured sessions focused on the conference topics
- Presentations on invitation
- Presentations arising from the call for papers

CONFERENCE SECRETARIAT

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