

23 - 24 September 2015
Madrid, Spain

36th AIVC Conference

5th TightVent Conference
3rd venticool Conference

Effective ventilation in high performance buildings



The building sector plays a key role to be successful in achieving ambitious goals to reduce energy use and greenhouse gas emission. The development and revision of energy performance of buildings regulations as well as the implementation of pilot high performance building programmes reflect the growing awareness regarding the abatement potential in this sector.

However, one key concern regards provisions taken in practice to maintain acceptable indoor environmental quality while taking measures to reduce buildings' energy use. Specifically on ventilation and infiltrations issues, indoor contaminants should be contained within acceptable limits for the health and comfort of the occupants. The overheating risk should be addressed with appropriate management of solar loads, airflow rates and thermal mass. Air infiltration losses should be minimized.

Fortunately, these challenges can be overcome in practice in conventional and in high performance buildings. However, building designs aiming for high performance are often more sensitive than conventional buildings to mistakes and inappropriate provisions for energy conservation and indoor climate.

Therefore, the joint 36th AIVC, 5th TightVent and 3rd venticool Conference aims to focus on effective ventilation in high performance buildings, with the following major themes:

- Thermal comfort and ventilative cooling—i.e., the application of ventilation airflow rates to cool indoor spaces and avoid overheating in buildings;
- Air infiltration through leaks in the building envelope and ductwork;
- Ventilation in relation to Indoor Air Quality and health.

The conference is organised by:

- the International Network on Ventilation and Energy Performance (INIVE) 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); and
- The Eduardo Torroja Institute for Construction Science – IETcc-CSIC

For further information, visit the Conference website at: <http://www.aivc2015conference.org/>

IMPORTANT DATES

Conference Dates	September 23-24, 2015
Receipts of Abstracts	March 27, 2015
Confirmation of Acceptance	May 29, 2015
Submission of Papers	June 30, 2015

REGISTRATION FEES

	Before 15 June 2015	After 16 June 2015	On-site registration
Regular - Two-day conference attendance	572 €	635 €	699 €
Students	185€	185 €	185 €
Printed proceedings - A4 format, 1 page per page (optional, electronic version included in regular and student registration) (delivered on-site)	40 €	40 €	40 €
Gala dinner (optional)	60 €	60 €	60 €

Registration fee includes:

For Regular Participants and Students full 2 days program

- Admission to all scientific sessions
- Admission to conference exhibition area
- Congress Material (Final Program, pads, pen, bag,)
- Certificate of Attendance
- Coffee breaks
- Snack Breaks

CONFERENCE VENUE

The conference will be held in **La Sede Cultural Centre**, Madrid, Spain.

www.lasede.coam.org

The Conference will start on Wednesday September 23, 2015 at 09:00AM and will end on Thursday September 24, 2015 at 05:30PM.

The full programme will be available by the end of August 2015.

SCIENTIFIC INFORMATION

The conference will consist of 3 parallel tracks:

- One track will be devoted to airtightness issues.
- One track will be devoted to ventilative cooling and thermal comfort.
- One track will be devoted to ventilation, indoor air quality and health.

The conference will include:

- Plenary sessions.
- Topical sessions (sessions structured around a specific topic).
- Long and short oral presentations from call for papers.

CONFERENCE SECRETARIAT



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