

## REHVA Community News

### REHVA signed a memorandum of understanding with China Committee of HVAC

On Friday October 28<sup>th</sup> 2011, in Brussels a Memorandum of Understanding was signed by the Federation of European Heating, Ventilation and Air-conditioning Associations (REHVA) and China Committee of Heating, Ventilation and Air-conditioning (CCHVAC). The purpose of this Memorandum of Understanding (MoU) is to strengthen the relationship between REHVA and CCHVAC and to promote substantial and tangible actions to increase the co-operation between the two associations. CCHVAC is a Chinese organization with approximately 30,000 members dedicated to advancing heating, ventilation, air conditioning and refrigeration to serve humanity and to promote a sustainable technology in China.



*Left* REHVA President Prof Michael Schmidt  
*Right* CCHVAC Chairman Prof Xu Wei

### REHVA Technical Seminar on Buildings Related EU regulations

REHVA Seminar was held at “The Hotel” in **Brussels**, Belgium on the **27<sup>th</sup> October 2011**. The presentations are now downloadable on our website. Visit [www.rehva.eu](http://www.rehva.eu)

### Past ASHRAE President Lynn G. Bellenger passed away

Lynn G. Bellenger, who served as the first woman president in the Society’s 116 year history, passed away Wednesday, Oct. 19. She was president for the 2010-11 Society years, with her term ending in June 2011. Bellenger was a recognized expert in energy management, with a strong focus on the need for energy modeling to help create and refine more efficient buildings. She was a partner, Pathfinder Engineers & Architects; Rochester, N.Y. Bellenger was a recipient of an ASHRAE Exceptional Service Award. She represented ASHRAE in the REHVA Annual meeting in Tallinn in last May.



### New editor for the REHVA Bulletin for our Supporters

Jorma Railio has accepted to take over the tasks of the editor of the REHVA Bulletin for our Supporters. Contact information: [jorma.railio@gmail.com](mailto:jorma.railio@gmail.com)

### Research Bronsema nominated for Huibregtsen prize and Vernufteling Award

Ben Bronsema is nominated for a research price, granted by The Royal Dutch Institute for Engineers (KIVI-NIRIA). For his study ‘Earth, Wind and Fire – Air conditioning without fans’, Ben Bronsema has been nominated for the Vernufteling Award and with Andy van den Dobbelen from the research programme Green Building Innovation for the prestigious Huibregtsen Prize. [Video](#) also available

He has been active in REHVA activities for a long time serving also as the chairman of Region One. He is also the editor of the REHVA guidebook Smoking and Ventilation.

### HVAC Terminology

This new section has been launched on the REHVA website. The definitions formulated are terms and abbreviations commonly used in REHVA publications. We invite you to submit your suggestions for missing terms and improved definitions to Andrei Litiu: [al@rehva.eu](mailto:al@rehva.eu).  
REHVA Website link: <http://www.rehva.eu/en/hvac-terminology>

### Call for members to the CEN REHVA mirror groups

REHVA is continuing establishing CEN mirror groups for several Technical Committees (TCs). You are invited to join CEN mirror groups to freely get all information updates and have possibility to influence with your comments. The TCs concerned are: TC156, ventilation; TC195, filters; TC228, Heating; TC371, EPBD; TC247, Controls; TC350, sustainability. Please contact Alex Vanden Borre at [avb@rehva.eu](mailto:avb@rehva.eu) if you want to join mirror groups.

### Building Performance Institute Europe - BPIE

Studies on "[Principles for nearly Zero-Energy Buildings](#)" and "[Europe's Buildings under the Microscope](#)" were presented in Brussels on 9 and 10<sup>th</sup> November 2011. Please click on above titles to download the full pdf reports. You can also visit BPIE (Building Performance Institute Europe) website for more information [www.bpie.eu](http://www.bpie.eu).

### REHVA Journal 2011-2012 issues

The **January issue** of the REHVA Journal (1/2012) will focus on A/C systems & EU regulations for HVAC products – Advertisements are due by 15 December. The editor of this issue is Prof Olli Seppänen – [oseppanen@rehva.eu](mailto:oseppanen@rehva.eu).

The **February issue** of the REHVA Journal (2/2012) will focus on Energy efficient HVAC Equipment and EU regulations – Articles are due by 16 January. The guest editor of this issue is Mr Jorma Railio – [jorma.railio@gmail.com](mailto:jorma.railio@gmail.com).

The **April issue** of the REHVA Journal (3/2012) will focus on Effect of EPBD on HVAC systems and buildings – Articles are due by 20 February. The guest editor of this issue is Mr Eduardo Maldonado – [ed.maldonado@netcabo.pt](mailto:ed.maldonado@netcabo.pt)

## Upcoming HVAC Events

### AHR Expo 2012, 23-25 January 2012, Chicago, Illinois, USA

The 2012 Show in Chicago is shaping up to be the largest AHR Expo ever, hosting more than 2,000 exhibiting companies from over 30 countries from around the globe. Plan now to be at the world's largest HVAC&R marketplace. [www.ahrexpo.com](http://www.ahrexpo.com)



### 2012 Intelligent Energy Europe Info Day, 24 January 2012, Brussels, Belgium

For all information and registration, click [here](#)

### Interclima+elec 2012, 7-10 February 2012, Paris, Porte de Versailles, France

Every two years in Paris, this is the landmark event where the entire trade community (installers, contractors, architects, engineers, distributors) enjoy the opportunity of discovering the most innovative solutions which combine energy efficiency, use of renewable and comfort in the home and building. Please visit [www.interclimaelec.com](http://www.interclimaelec.com)



**ACREX 2012**, 23-25 February 2012, Bangalore, India

REHVA will publish and distribute a special issue of the REHVA journal at the exhibitions in cooperation with ISHRAE and exhibitor. [www.acrex.org.in](http://www.acrex.org.in)

For sponsoring contact: [cd@rehva.eu](mailto:cd@rehva.eu)



**NORDBYGG 2012**, 20-23 March 2012, Stockholm, Sweden

The most important Nordic meeting place for the construction industry! To book stand space and for other information, visit [www.nordbygg.se](http://www.nordbygg.se)

**MCE – MostraConvegnoExpocomfort 2012**, 27-30 March 2012, Fiera Milano, Italy

The leading International exhibition dedicated to domestic and industrial installations, air-conditioning and renewable energy brings together the manufacturing and distribution arms of the plumbing, heating, sanitary ware, renewable energies, air-conditioning, refrigeration, sanitary technology, hardware, water treatment and bathroom sectors. More information: [www.mceexpocomfort.it](http://www.mceexpocomfort.it)

REHVA and AICARR seminar at MCE – MOSTRA CONVEGNO EXPOCOMFORT: HVAC in Zero Energy Buildings, Congress centre Stella Polare, Milan, 28 March 2012, 14.00 – 17.00



**Airtightness workshop**, 28-29 March 2012, Brussels, Belgium

"Achieving relevant and durable airtightness levels: status, options and progress needed". More information on programme and registration on our [website](#)

**Light and Building**, 15-20 April 2012, Frankfurt, Germany

Please visit [www.light-building.messefrankfurt.com](http://www.light-building.messefrankfurt.com)

You are invited to the REHVA seminar, 16 April, 11.00 – 13.00

light+building

**REHVA Annual Meeting and Conference**, 17-20 April, 2012, Timisoara, Romania

REHVA's next Annual Conference and Meeting will be hosted by the REHVA Romanian member AIIR/AGFR. The conference will focus on **Refurbishment of European buildings for better energy efficiency**. More info at [www.rehva.eu](http://www.rehva.eu) or [www.rehva-am2012.ro](http://www.rehva-am2012.ro)

**Renexpo Central Europe**, 10-12 May 2012, Budapest, Hungary

6. International Energy Trade Fair – Venue: Hungexpo Trade Fair Center

More information [www.renexpo.hu](http://www.renexpo.hu)

**VENTILATION 2012**, 17-19 September 2012, Paris, France

Call for papers! Share your research results with your colleagues worldwide. The Ventilation 2012 conference is a perfect platform for presenting your work to specialists.

To submit your abstract(s) online: [www.inrs-ventilation2012.fr](http://www.inrs-ventilation2012.fr)

**Clean Energy & Passive House Expo**, 17-18 October 2012, Budapest, Hungary

International exhibition and conference for energy efficient and intelligent buildings

More information [www.cep-expo.hu](http://www.cep-expo.hu)

**7th International HVAC Cold Climate Conference**, 12-14 November 2012, Calgary, Canada

December 1, 2011 is the deadline for submitting abstracts – to submit, go to the [website](#)

For more HVAC events, please check the REHVA Events Calendar on [www.rehva.eu](http://www.rehva.eu) and also [www.buildup.eu](http://www.buildup.eu)

## European Commission supported projects

### iSERV

This project aims to collect sub-hourly HVAC system energy use data from around 1600 HVAC systems in the EU Member States and analyse this information.



iSERV project benefits are mainly:

- feedback on energy use patterns and comparisons with similar systems
- establish a detailed understanding of the energy consumption of HVAC systems
- how to improve in-use energy efficiency of HVAC systems
- identify performing systems to avoid their inspections

REHVA will play an active role to get participants enrolment in this project and disseminate the results of the study. Should you be interested in a direct participation, please do contact the project via the iSERV website <http://www.iservcmb.info/> - or contact the project Coordinator, Dr Ian Knight, at [knight@cf.ac.uk](mailto:knight@cf.ac.uk). See all details in the announcement on the Build Up portal: <http://www.buildup.eu/news/15861>

### 3ENCULT project - Efficient Energy for EU Cultural Heritage

The project 3ENCULT bridges the gap between conservation of historic buildings and climate protection. The joint task of conservation and energy efficient retrofit is highly interdisciplinary. The 3ENCULT consortium consists of scientists and stakeholders, especially on the level of SMEs, from the fields of diagnostics, conservation, building physics, sustainability, architecture and lighting up to cybernetics, thus guaranteeing both, the development of sustainable solutions and the impact on European economy. Eight case studies will demonstrate and verify solutions. More info: [www.rehva.eu/en/359.3encult](http://www.rehva.eu/en/359.3encult)

## New publications

### VDI- Guidelines published September – October 2011

#### September:

- VDI 2089/3 “Building services in swimming baths; Open-air pools”
- VDI 3809/1 “Acceptance of building installations; Heating”
- VDI 6003 “Potable-water-heating systems; Comfort criteria and performance levels for planning, evaluation and use” (*Draft Guideline*)

#### October:

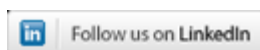
- VDI 2067/10 “Barrier Economic efficiency of building installations; Energy demand for heating, cooling, humidification and dehumidification” (*Draft Guideline*)
- VDI 3805/1 “Product data exchange in the Building Services; Fundamentals”
- VDI 3805/25 “Product data exchange in the Building Services; Chilled ceiling elements” (*Draft Guideline*)
- VDI 3808 “Assessment of energy efficiency of buildings and building services; Application of existing techniques”

### [Register to REHVA Newsletter free of charge](#)

*Founded in 1963, REHVA is a European organization connecting European professionals in the area of Building Engineering Services, and representing more than 100.000 building services engineers from 26 European countries.*

*REHVA is the leading professional HVAC organization in Europe, dedicated to the improvement of health, comfort and energy efficiency in all buildings and communities.*

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