

REHVA Community News



Michael Schmidt, president-elect of REHVA

The REHVA General Assembly elected Professor Michael Schmidt unanimously as president-elect. His term as the President begins at the next annual meeting in Tallinn May 2011. Since 2000, he has served as a professor and chair for heating and air-conditioning and directorship of the institute for building energetics at University of Stuttgart.

REHVA awards 2010

On the occasion of the General Assembly 2010, the following members of REHVA national associations were recognized for their outstanding achievements.

Mr. Jürgen Diehl from VDI-TGA, Germany and **Mr. Kevork Çilingiroğlu** from TTMD, Turkey received the REHVA professional award in design, in recognition of the outstanding achievements in HVAC profession.

Professor Iolanda Colda from AIIR, Romania and **Professor Marija Todorovic** from KGH, Serbia received the REHVA professional award in sciences, in recognition of the outstanding achievements for the improvements of energy efficiency and the indoor environments of buildings.

Mr. Gabriel Beko from SSTP, Slovakia, and **Mr. Stefano Schiavon** from AICARR, Italy received the REHVA Young Scientist award.

Mr. Peter Novak from SITHOK, Slovenia received the REHVA Gold Medal, in recognition of his outstanding carrier and activity in HVAC research, teaching and engineering and his exemplary involvement in the development of the field.

REHVA Student Competition at the REHVA World Congress CLIMA 2010 in Antalya

At the World Congress CLIMA 2010 in Antalya, REHVA staged a student competition for building services. Thirteen National Associations of REHVA nominated a national champion for this competition.

The first place was reached by **Geert Filippini** from Eindhoven University of Technology in The Netherlands. **Tamas Tirpak** from Budapest University of Technology and Economics in Hungary and **Jing Dai** from Esslingen University of Applied Science in Germany reached the second and third place of the competition.



Geert Filippini, winner of the student competition at CLIMA 2010 in the middle. His teacher prof Wim Zeiler on left and chairman of the jury, prof Michael Schmidt.

Upcoming HVAC Events

REHVA General Assembly 2011

The REHVA Annual Conference and 55th General Assembly will be organized by the Estonian Society of Heating and Ventilation Engineers (EKVÜ), during *18-21 May 2011 in Tallinn, Estonia*. The theme of the 2011 conference is "Towards net zero energy buildings".

For the entire programme, social events and online registration, please visit www.ekvy.ee/rehvaam2011. Detailed information will be available in September 2010. For further assistance, please contact rehva.am2011@ekvy.ee.



Thursday May 20, 2011

- New European legislation related to Energy Efficiency of Buildings
- German, French, Danish, British policies and roadmaps towards net zero energy building
- Role of technical solutions in zero energy buildings
- Examples of zero energy buildings in Germany, France, Sweden
- Conference buffet dinner

Friday May 21, 2011

- Role of Building labelling in promotion of low energy technology
- European draft directive on building labelling
- CEN standards for sustainable buildings
- National approaches for building labelling
- Does building labelling lead to zero energy buildings?

ROOMVENT 2011, June 19-22.2010, Trondheim, Norway

It is our pleasure to welcome you to the ROOMVENT 2011 Conference in Trondheim, Norway, the leading event in the area of air distribution in rooms.

Abstracts are invited for Scientific Papers and Posters. The abstract must not exceed 300 words in English and shall include title, objectives, methods, results and conclusions. All abstracts must be submitted on-line using the web-based system. www.roomvent2011.org
The deadline for submission of abstracts is September 15, 2010.



CLIMA 2013, Prague

The 11th REHVA world congress CLIMA 2013 will take place in *Prague on 16-19 June 2013* with the theme of "Energy efficient, smart and healthy buildings". www.clima2013.org

ICT 2010 Conference, Brussels, 27-29 September 2010 ([website](#))

The conference is organised by the European Commission and hosted by the Belgian Presidency of the European Union.

Key themes for the 2010 conference:

- the potential of digital solutions to promote sustainable growth in a low carbon economy
- the continuing constructive role of ICT in the daily life of citizens
- the importance of public participation in the innovation process

PALENC 2010 - Rhodes Island, Greece, September 29-October 1



Jointly organized with: 5th European Conference on Energy Performance & Indoor Climate in Buildings (EPIC 2010) and 1st **Cool Roofs Conference**
<http://palenc2010.conferences.gr/>



Please visit also the CoolRoofs project website www.coolroofs-eu.eu

The CoolRoofs project is publishing a [Newsletter](#) to which you can subscribe for free.

The Call for Papers for the **4th International Conference Solar Air-Conditioning in Larnaca, Cyprus, October 12th - 14th, 2011** is ready.

[Submission of abstracts](#) is now possible.

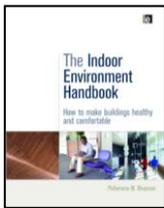
For more HVAC events, please check the REHVA Events Calendar on www.rehva.eu and also www.buildup.eu

Publications



Scanvac Newsletter

Scanvac Newsletter has changed looks from being an online pdf newsletter to a more interactive and searchable format. All old issues of Scanvac Newsletter are still available from the new webpage as pdf-files. The web address remains the same www.scanvac.net



The Indoor Environment Handbook: how to make buildings healthy and comfortable. This highly practical handbook will help make design process of healthy buildings more efficient and effective.

www.earthscan.co.uk

New VDI Guidelines published in May-June 2010

- VDI 3809 Part 1 “Acceptance of building installations; Heating”
- VDI 3810 Part 2 “Operation and maintenance of building installations; Sanitary systems”
- VDI 6038 “Ventilation and indoor air quality; Appraisal of indoor air quality (VDI ventilation code of practice)”
- VDI 6040 Part 1 “Air-conditioning; Schools; Requirements (VDI ventilation code of practice)”



New ASIEPI reports on are available at www.asiepi.eu and www.buildup.eu



P 191 Summary of the recommendations of the ASIEPI project

The main objective of the ASIEPI project has been to formulate suggestions to policy makers on how to improve the quality and impact of the regulations on the energy performance of buildings. This paper gives a brief overview of the major recommendations for following topics, and serves as a general introduction to the project.

- intercomparison of the levels of the EP-requirements
- impact, compliance and control of legislation
- effective handling of thermal bridges
- stimulation of good building and ductwork air tightness
- support for the market uptake for innovative systems
- stimulation of better summer comfort and efficient cooling

P 192 Comparing Energy Performance Requirement Levels: Method and Cross Section

Overview : One of the challenging tasks of the ASIEPI project was to develop a method to compare energy performance requirement levels. This information paper describes the comparison method which has been developed during the project and shows the results of the cross section overview.

P 193 Experience on Passive Cooling Techniques for Buildings

The EU energy consumption trend for cooling is continuously increasing. Once essentially limited in southern countries and in non-residential buildings, today cooling demand is an

issue in central and northern countries, as well as in dwellings. This paper presents relevant experiences on passive cooling techniques, showing their potential in mitigating the cooling energy consumption and in improving thermal comfort conditions in non-cooled buildings.

[P194 Stimulating innovation with EPBD - What countries can learn from each other](#)

European countries deal with innovations in the context of the Energy Performance of Building Directive (EPBD) in different ways. These different frameworks cannot be seen separately from other national procedures and systems. Therefore, this Information Paper elaborates on various national frameworks, and in following Information.

[P 196 National trends of innovative products and systems for energy efficient Buildings - Barriers and strategies for an accelerated market uptake](#)

ASIEPI and AIVC organized an interactive workshop in Amsterdam to discuss the challenges related to organizing a smooth market introduction of innovative energy efficient products and systems as well as the energy needed to accelerate the change process towards a comfortable, healthy and energy-efficient built environment. This paper presents, within the European framework, the barriers and alternatives identified by the IEE SAVE ASIEPI project and the workshop.

[Monitoring and evaluation of energy certification in practice with focus on central European states](#)

This study was commissioned by the German Government to analyze the experiences with the EPBD implementation in the neighbouring countries. The German Government wishes to contemplate the further revision of the EPBD related legislation with the experiences of the neighbouring countries concerning energy performance certification. The study reflects the situation until autumn 2008 in Austria, Belgium.

EU News

Recast EPBD and labelling directives are officially published on June 18th in the official Journal of the European Union [Final text](#)

Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings

Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products

EC & EU supported projects

BUILD UP NEWSLETTER

While everybody is waiting for the legally binding version of the EPBD recast the BUILD UP, newsletter already contains several items that are important for the implementation of the recast directive such as a zero energy case, an event on building airtightness, the commitment of the UK government to reduce the energy consumption of the government buildings by 10 % within a year and several more. Read more and subscribe to the monthly newsletter: www.buildup.eu/newsletter

[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 28 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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