

Webinar 6-13-19 May 2020

Urban Home Ventilation

Setting sustainable urban development goals and developing energy efficient solu. ons for buildings are crucial elements of climate action. Urban living is introducing new challenges both for architectural design and technical solu. ons. Venla on systems have an important impact both on energy use as well as indoor climate and health in buildings. So, *how can we develop good home ventilation solutions fit for urban living?* The Air Infiltration and Ventilation Centre (AIVC) together with the Oslo Metropolitan University (OsloMet) and SINTEF Community originally organized a 1 day workshop to provide insights from national and international ex-periences in the field. **This is now turned into a serie of webinars.**

Webinar 6 May

Theme 1: Kitchen ventilation

- 15:00 Welcome
Chair: Kari Thunshelle, SINTEF
- 15:05 Documentation of cooker hood performance, a laboratory prespective
Svein Ruud, RISE, Sweden
- 15:25 Recirculating cooker hoods – possibilities and challenges
Martin Oberhomburg/Reinhard Wiedenmann, BSGH, Germany
- 15:40 Experiences from assessing in-situ effec veness of cooker hoods
Iain Walker, LBNL, USA
- 16:00 Extract cooker hoods – possibilities and challenges
Håvard Augensen, Røros Metall, Norway
- 16:15 Q&A poll
- 16:30 Workshop discussion
Moderator: Peter Schild, OsloMet

Webinar 13 May

Theme 2: Ventilation requirements, quality, and trends

- 15:00 Welcome
Chair: Kari Thunshelle, SINTEF
- 15:05 Ventilation and IAQ in Nordic countries – Status, trends and opportunities
Kari Thunshelle, SINTEF, Norway
- 15:25 A developer’s perspective on urban home ventilation issues
Ole Petter Haugen, Selvaag Bolig, Norway
- 15:45 nZEB temperature zoning – "Fresh" bedrooms and a warm living room
Laurent Georges, NTNU, Norway
- Q&A poll
- Workshop discussion
Moderator: Peter Schild, OsloMet

Webinar 19 May

THEME 3: Moisture control

- 15:00 Welcome
Chair: Kari Thunshelle, SINTEF
- 15:05 Strategies for avoiding too high or too low relative humidity in dwellings
Sverre Holøs, SINTEF, Norway
- 15:25 Moisture buffering in modern timber constructions
Dimitrios Kraniotis, OsloMet, Norway
- 15:45 Understanding moisture recovery in heat/energy recovery ventilation as the basis for new market solutions
Peng Liu, SINTEF, Norway
- 15:45 Q&A poll
- Workshop discussion
Moderator: Peter Schild, OsloMet

URBAN HOME VENTILATION WEBINAR 6-13-19 MAY 2020

Time and location :

Webinar, Web-ex

Registration:

Please register up front at

<https://www.sintef.no/community/kurs-og-konferanser/>

Participation free of charge

The target audience includes scientists, researchers, professional & industry experts, students etc.

Questions:

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