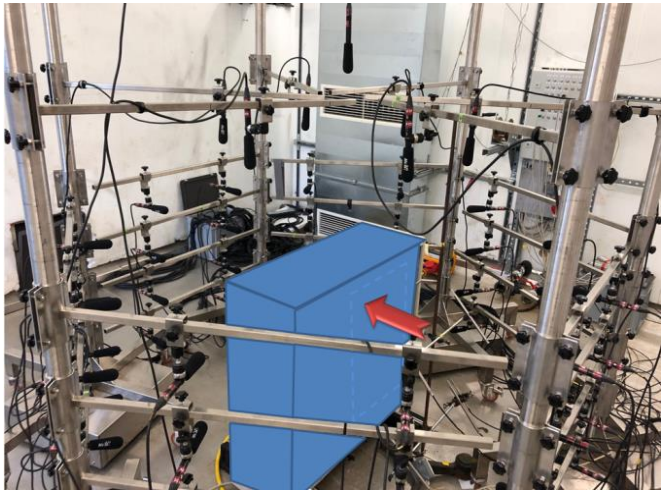
WEBINAR HPT ANNEX 51 - INSTRUCTIONS

- The webinar will be recorded and posted on the HPT Annex 51 website, https://heatpumpingtechnologies.org/annex51/
- Please, mute your microphone and leave you camera off
- For technical support – contact Ulrica Örnemar (inviter to the meeting)
- If you have questions and comments during the introduction or during the presentations, please share them with all of us in the chat
  - Questions will be answered during the Panel Q&A session in the end of the meeting – the questions will be posed anonymously
  - Remaining questions will be answered in written by the presenters, distributed to you and posted on the HPT Annex 51 website along with the recording of the webinar
- Please, avoid to have a parallel discussion in the chat

Webinar Annex 51, 2020

Acoustic Signature of Heat Pumps

Monday, 30th of November, 14:00 – 15:30 CET



www.heatpumpingtechnologies.org

Welcome

Caroline Haglund Stignor (Heat Pump Centre)

Agenda

1. Welcome (5') – Caroline Haglund Stignor (Heat Pump Centre)
2. Annex 51 Overview (5') – Christoph Reichl (AIT, Austria)
3. European Legislation and Standards (8') – Roberto Fumagalli (Polimi, Italy)
4. Noise and seasonal variations based on interlaboratory results (16') – Francois Bessac (CETIAT, France), Thomas Gindre (ISE, Germany)
5. Effect of different heat sinks and operation modes (8') - Kamal Arumugam (DTI, Denmark)
6. Transient noise of heat pumps (Thore Oltersdorf, ISE Germany) (8')
7. Heat pump installation and effects on surrounding environment (8') – Christoph Reichl (AIT, Austria)
8. Annoyance rating and psychoacoustical analysis of heat pump sound - Henrik Hellgren (RI.SE, Sweden) (8')
9. Panel Q&A of the presentations (20') - lead by Caroline Haglund Stignor (Heat Pump Centre)

IEA TECHNOLOGY COLLABORATION PROGRAMME ON

HEAT PUMPING TECHNOLOGIES (HPT TCP)

Research, Development, Demonstration and Promotion of Heat Pumping Technologies




The HPT TCP is part of a network of autonomous collaborative partnerships focused on a wide range of energy technologies known as Technology Collaboration Programmes or TCPs. The TCPs are organised under the auspices of the International Energy Agency (IEA), but the TCPs are functionally and legally autonomous. Views, findings and publications of the HPT TCP do not necessarily represent the views or policies of the IEA Secretariat or its individual member countries.

What is the HPT TCP?

- A Technology Collaboration Programme (TCP) within the IEA since 1978
- An international framework of cooperation and networking for different HPT actors
- A forum to exchange knowledge and experience
- A contributor to technology improvements by RDD&D projects
- 17 Member Countries

HEAT PUMPING TECHNOLOGIES

Includes:
- Heating and cooling
- Air conditioning
- Refrigeration

Covers applications in
- Residential and commercial buildings
- Industries
- Thermal grids in cities and communities
- Other applications

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The Heat Pump Centre

Information dissemination and communication

- Publications (e.g. project reports)
- HPT Magazine and Newsletter(digital)
- Website www.heatpumpingtechnologies.org
- Social media: LinkedIn and Twitter @heatpumpingtech

Program Support

- Support to Executive Committee, National Teams and Project leaders (Operating Agents)
- Generation of new activities
- National Experts meetings
- Support to IEA publications
- Outreach activities

Annex 51 Overview

Christoph Reichl (AIT, Austria)

Panel Q&A of the presentations

lead by Caroline Haglund Stignor (Heat Pump Centre)