

Invitation

Despite efforts to reduce product and machinery noise emissions, noise from machines is still a major reason for excessive noise at workplaces and in communities. Even legal requirements were not effective in some cases. For example, the European Union requires manufacturers to design machines to the lowest noise levels and to provide noise emission information to potential purchasers, allowing the customer to select quiet machines. However, a recent European investigation (NOMAD) showed that from the checked more than 1500 instructions for machines 80 % of the noise emission declarations were incorrect and did not provide the necessary information. As a consequence, the information provided does not allow purchasers of these machines to choose a comparatively quiet one. The general concept of making the machinery market transparent with respect to the noise emission of machines has had little success in this market. There are other markets, such as the IT industry and some home appliances, where noise declarations are readily available to the public and have likely contributed to lower noise levels. In general, however, there is a pressing need for further efforts to better promote the idea of buying quiet across market segments. I-INCE has identified this problem and therefore will continue the "Buy Quiet" initiative by organising a "Buy Quiet" symposium in 2016. This is a follow-up to the Buy Quiet symposium held in Paris in 2011, and is part of the I-INCE Technical Study Group 10 work on Buy Quiet programs.

Organising committee

Marco Beltman: INTEL (USA)
Robert Hellweg: Consultant (USA)
Jean Jacques: Consultant (France)
Patrick Kurtz: BAuA (Germany)
Jean Turret: President INCE/Europe

Information

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Venue of the symposium

Radisson Blu Hotel
Marseiller Str. 2
20355 Hamburg
Germany

The venue is close to Hamburg's congress centre, where the INTER-NOISE 2016 will have just taken place.
For more information, see www.internoise2016.org.



Symposium

Buy Quiet

25 August 2016
Hamburg, Germany

i-ince
International Institute of Noise Control Engineering

baua:
Bundesanstalt für Arbeitsschutz
und Arbeitsmedizin

Overview

Objectives

The major objective of the symposium is to initiate a new discussion on how to improve the “Buy Quiet” purchasing attitude. This includes topics like:

- The implementation of legal requirements on noise emission in practice
- Manufacturers experience with the development and promotion of low noise products
- Existing and required further key elements to foster a “Buy Quiet” attitude
- Advantages for both manufacturers and purchasers in the application of noise emission information
- New strategies, concepts for legal requirements, declarations, labels

Date

The symposium will take place on 25 August 2016, from 9.00 to 17.45.

Language

The symposium’s language is English.

Target group

Manufacturers as well as employers using and purchasing machines, acousticians and both health and safety and environmental protection executives being interested in developing a successful concept supporting a buying quiet attitude to reduce excessive noise.

Registration

Registration is free, but you must register to attend.

Number of participants: Maximum of 100

Registration deadline is 1 August 2016.

Registration office:

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Program

8.00 Registration

8.45-9.00 Welcome address, introduction to the topic and what happened since the 1. Symposium in Paris

Patrick Kurtz, BAuA; Jean Tourret, INCE/Europe

9.00-10.25 Experience with noise emission declarations and labels

Chairman: *Patrick Kurtz, BAuA*

- 1 Outcome of the NOMAD market surveillance action
Jean Jacques, Consultant; Patrick Kurtz, BAuA
- 2 IT Industry
Marco Beltman, INTEL
- 3 Blue Angel
Christian Fabris, UBA
- 4 Machinery noise limits and incentives for noise reduction
Michael Dittrich, TNO
- 5 Household appliances, experience with noise emission declarations and labels
Gerhard Fuchs, BSH Hausgeräte GmbH
Discussion Period

10.45-11.15 Coffee break

11.15-12.40 Is the development and promotion of low noise products of any advantage for manufacturers?

Chairman: *Jean Tourret, INCE-Europe*

- 1 Powerful and quiet garden machinery
Fabian Pöhler, Stihl
- 2 US industry experience
George Maling, INCE-USA,
Robert Hellweg, HELWEG ACOUSTICS
- 3 Motivation, classical methods, and novel approaches
Joachim Bös, TU Darmstadt
- 4 Lawn Mowers
Xavier Carniel, CETIM
Discussion Period

12.40-13.30 Lunch

13.30-14.40 Key elements allowing to “Buy quiet”

Chairman: *Jean Jacques, Consultant*

- 1 Legal requirements and standards
Patrick Kurtz, BAuA; Jean Jacques, Consultant
- 2 Specifications and operating conditions
Jeff Schmitt, ViACOUSTICS
- 3 Comparison of products
Robert Hellweg, HELWEG ACOUSTICS;
Patrick Kurtz, BAuA
Discussion Period

14.40-15.10 Coffee break

15.20-16.30 Advantages of product noise information

Chairman: *Robert Hellweg, Hellweg Acoustics*

- 1 Encouraging purchasers of work equipment to Buy Quiet
Paul Brereton, HSE
- 2 Noise exposure forecast at work places
Wolfgang Probst, DATAKUSTIK
- 3 Incentives for purchasers and manufacturers
Christopher Page; Ray Fischer, NOISE CONTROL ENGINEERING
Discussion Period

16.30-17.30 How to improve “Buying Quiet” (round table discussion)

Chairman: *Marco Beltman, INTEL*

Topics:

- Financial benefit for machine manufacturers and employers (users of quieter machines),
- Arguments and means to encourage purchasers to Buy-Quiet,
- Actions

17.45 Closure of the symposium

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