



BBRI/ENBRI workshop “Acoustics”

Addressing the representatives of the acoustic laboratories and acoustic specialists

Monday 27 May 2013, Brussels - Tuesday 28 May 2013, Limelette

Background & Provisional program

Round Robin Tests (RRT) have shown in the past that even accredited laboratories do not always completely comply with the requirements in the EN ISO 10140-standards. The test results obtained in some laboratories are as such sometimes inaccurate and compete in a negative way with test results of test laboratories that do comply.

Quality systems require RRT every year, yet these are difficult to organize. In the past years, the international RRT were organised by industry or for the development of product standards. There are however less initiatives in the near future and this might create a problem for the necessary RRT required by the accreditation bodies.

The new standard to be (ISO/DIS 12999-1 Acoustics – Determination and application of measurement uncertainties in building acoustics) uses the concept of reproducibility and repeatability to express uncertainty in building acoustics (a traditional way of doing so) as the principles of GUM seem to be impossible to apply for the different quantities in building acoustics. RRT are also necessary to eventually improve uncertainty to be expressed in the test reports.

All the above requires thorough discussion which is proposed to be the core of a workshop organised by the Acoustic Team of BBRI as detailed below.

Monday 27 May 2013 - Brussels, Boulevard Poincarélaan 79 <i>(close to the South Station easily reachable from the airport)</i>	
12h30-13h30	Welcome, refreshments and sandwich lunch
13h30-17h30	Opening of the workshop. Presentation of all participants and highlight of the activities of the different laboratories present
13h45-17h30	Reflection and discussion on the possibility of a joined action and accompanying European logo for ENBRI acoustic laboratories . Discussions on the opportunities to set up a round robin tests. “What”, “how” and “why” are set out in more detail in the annex to this programme.
19h30	Social event (upon invitation by BBRI in a restaurant in the neighbourhood)



Tuesday 28 May 2013 - Limelette, Avenue Pierre Holoffe 21, <i>(transfer from Brussels to Limelette in the morning will be provided by BBRI, after the meeting participants will be transported to the airport)</i>	
9h00	Pick up for transport at the “Poincaré building”, Brussels
9h45-10h15	Presentation and visit of the new acoustic laboratory of the BBRI <i>Bart Ingelaere, BBRI</i>
10h30-11h15	European Technical Agreements with acoustic specifications Presentation by <i>Jean-Baptiste Chene</i> , CSTB, President Advisory Group pt11 of EOTA
11h15-12h00	The accuracy of measuring down to 50 Hz in the laboratory and on site Presentation by <i>Christian Simmons</i> , SP
Lunch in Limelette	
13h30	Transport back to the airport (arrival at the airport around 14h30)

ANNEX

Proposal to the ENBRI acoustic laboratories:

1. The idea is to create an ENBRI working group of acoustic laboratories. For those ENBRI members who do not have an acoustic laboratory themselves, we propose – if agreed by the ENBRI members - that they could eventually delegate an acoustic laboratory chosen by them as the representative of their country.
2. We propose to define an ENBRI acoustic label/logo that would be recognized by all the ENBRI members (validated by their logo in the test report).
3. Improvement of quality: we propose that this new label is not automatically obtained by being an ENBRI member, but results from thorough inspection and compliance with the acoustic standards. Members will help each other with advice on how to improve laboratories or measurement techniques in order to obtain a better quality.
4. Image of quality: the whole idea is to offer this image of better quality in acoustic testing in which industry has international confidence.
5. The members would function as a WG organising every year RRT and helping individual members to fulfil their quality requirements.
6. Last but not least, this new European ENBRI quality label should offer a competitive advantage to your laboratory in comparison to other local laboratories.