Introduction

After some years of inactivity, we would like to revive our CIB W051-group with a new meeting in conjunction with the ISO TC 43 / SC 1 and SC 2 meetings in Borås, Sweden. This is an open meeting (no CIB membership required) and we welcome participants of the ISO TC 43 to join us on Monday the 26th of May at SP Technical Research Institute.

With this meeting, we want to re-affirm our commitment to promoting acoustics in the construction sector and to increase the networking and information exchange between the different members. The meeting should provide a position statement on the current state of national and international developments in building acoustics and to identify important issues that currently require consideration. As it was a habit in the past, this meeting tries again to be informal, allowing time for discussions. Participants will be asked to present themselves and their institutes and to give a short summary of the work topics they or their institutes are working on for the moment. Participants willing to give a more extensive presentation on some work topic are invited to do so. Please, send us an e-mail about the topic you want to present.

A first series of presentations announced are:

- TOPIC 1: The estimation of acoustic performance of buildings out of the acoustic performance of building elements
  - Research work on light-weight constructions (extensions to part 1 and part 5 of the 12354-standards): Eddy Gerretsen (TNO)

- TOPIC 2: Measurement methods
  - UKAS inter-laboratory comparison of noise insulation test (BRE or Salford)
  - Assessment and measurement of impact sound in the same room (drum sound); Presentation of a new Swedish technical report. (To be presented by Hans Jonasson, SP Sweden)

- TOPIC 3: Requirements
  - Sound insulation between dwellings - Classification schemes and building regulations in Europe - Update” (Birgit Rasmussen, SBI, Danish Building Research Institute)

- TOPIC 4: Building Guidelines
  - Towards an integrated acoustic and thermal approach in buildings (J. Roland, CSTB)
  - New building guidelines for brickwork constructions: on the use of elastic inter-layers to obtain very high sound insulations for dwellings (DnT,w> 60 dB and LnT,w<50 dB) (Bart Ingelaere, BBRI)
  - Influence of diffusivity on reverberation time and sound pressure level in normal rooms with sound absorbing ceiling. Presentation of some systematic measurements in a class room with different ceilings, with and without wall absorbers, with and without furniture, with and without book shelves. (To be presented by Krister Larsson, SP Sweden)

- TOPIC 5: Various themes
  - Developments in nD modelling, integrated design theme (Y. W. Lam, Salford)
We would like to close the session with a discussion about the CIB W051-group, its revised scope, objectives, work programme and last but not least about future actions and meetings. An update of announced presentations and the final meeting programme will be sent to you later. Information on the meeting place and advice on travel arrangements and accommodations are being distributed through the ISO TC 43. We will be happy to pass on the information. Please write or email us and we will send you the details.

Additional Information

For additional information about the CIB W051 please contact the Coordinators: Ir. Bart Ingelaere, Belgian Building Research Institute bart.ingelaere@bbri.be and Prof. Yiu Wai Lam University of Salford y.w.lam@salford.ac.uk

You also can find more information on the activities of CIB W051 at www.cibworld.nl - section Databases - database Commissions - type W051 in the search field Commission number.