



[Room and Building Acoustics](#)



[COST Action TU0901](#): Integrating and Harmonizing Sound Insulation Aspects in Sustainable Urban Housing Constructions

Technical Committee Room and Building Acoustics ([EAA TCRBA](#)) of the European Acoustics Association Building Acoustics Group of the [Italian Acoustics Association](#)

European Symposium on “Harmonisation of European Sound Insulation Descriptors and Classification Standards”

Florence, Italy, December 14th 2010

Calls for posters

The aim of the poster session is to collect information on the topics of the COST Action TU0901 from each participant country. Members of the TU0901 are strongly encouraged to take an active part in this session, as it is a significant opportunity to exchange information on each country relating to the issues of TU0901. For each poster, there will be the possibility to produce a paper which will be included in the symposium proceedings.

The aim is to have a minimum of one poster (and one paper) for each participant country. More posters and papers are welcome. During the symposium ample space will be devoted to the poster session.

This session will be a unique occasion to collect and make available all the information necessary to carry on with the aim of the Action. The members of the Management Committee, for each country, are encouraged to coordinate the preparation of the posters on the topics related to all the 3 WGs, because not all countries are represented in all WGs and the information is necessary for all countries. MC Members are encouraged to ask for the collaboration of other experts of their respective countries for the preparation of papers and posters, if this could give more quality to the work. In any case only the TU0901 members will be reimbursed within the TU0901 rules for this event.

The information already given for the Berlin meeting could be recalled and included in the paper and in the poster. The papers could be review papers, research papers, description papers, etc. Only papers and posters on the topics related to the COST Action will be accepted.

It is possible to prepare only the poster without the full paper. In this case an abstract and/or the poster itself, to be included in the proceedings, is necessary. The new deadline (and really last) for all the materials which should be included in the proceedings is 20th of November.

Template for papers and posters will be available soon. A poster printing service will be given by the local organizers. You have to send via e-mail the pdf file or ppt file.

The aim is to collect and include in the proceedings, the state of the art on the knowledge for each country, on the topics of the Action. The proceedings of the symposium will be the basis for further elaboration and for the prosecution of the Action.

Specific topics for papers and posters

Sound insulation standards, legislation, current sound descriptors, procedures, social surveys and psychoacoustic evaluation of neighbor noise, auralisation procedures, sound insulation performance of existing and new buildings, evolution of sound insulation performances, technical solutions, construction details, solutions for improvement of existing dwellings, typical construction errors for each type of technical solution and effect of workmanship on the results, etc.

For those countries which already have a classification scheme, apart from the description of the standard, values, distance between classes, relation with the enforced legislation, they are asked to include also the procedures for the practical application of the classification scheme: "Practical problem related to the application of Classification Scheme: choice of the dwellings, dimension of the buildings, choice of the sample size to make for measurements, number of measured samples with regard to the total homogeneous samples and related uncertainty, weighting of each result related to the descriptors, calculation of the class, etc."