

## **ACOUSTICS2008/2412 Nuisance control of leisure activities**

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In Spain there are more than 345.000 leisure activities with more than 1.2 M jobs. This economical sector produces the 2.2% of the PIB overall Spanish economic production. Tourism is a big source of money for many Spanish cities. Leisure activities is the most common economic activity related with this sector. Typical Spanish good weather let's people to remain for a long time up to early morning in streets. Human activity produces always noise. Acoustic noise control measurements uses dB(A) scale for evaluation. Low noise levels dB(A) has no correlation with acoustic perception of people because people can "follow" the rhythm of the music. Increase the TL of structures let's to reduce the noise from activities, but increasing the power amplifier the problem remains still in the same point. The solution checked is to use an acoustic limiter as a warranty of no contamination to neighbours from the activity. Some results about this technique are discussed in this paper. In order to solve a complain between neighbours an leisure activity, a political solution is more effective than technical solution is. The main objective is to set the correct balance between perception of sounds and acoustic comfort at home.