## ACOUSTICS2008/3437 Translating acoustics into architecture

Ewart Wetherill

Ewart A. Wetherill, AIA, 28 Cove Road, Alameda, CA 94502-7416, USA

Ever since Wallace Clement Sabine's first presentation to the American Institute of Architects in 1898, a substantial gap has often existed between available information on building acoustics and its successful application to the design of buildings. Experience over at least the past 40 years suggests that one of the reasons for this has been the difficulty of adapting construction methods, that were selected to meet other criteria, to satisfy specific acoustical conditions. In a complex project it is important that requirements for individual spaces be identified and resolved early in the design process so that they can be integrated successfully into the overall building design. This paper discusses a procedure that has been found very convenient for establishing acoustical requirements during the schematic design and transferring recommendations efficiently for inclusion in the construction documents. The information is compiled in a book-style format for ease of distribution and for fast reference at any time in design and construction.