

ACOUSTICS2008/3307
**Adjustable Acoustics — Coupled volumes in Artec concert halls:
an extravagance or necessity?**

Tateo Nakajima, Damian Doria, Edward Arenius and Andrew Morgan
Artec Consultants Inc, 114 W 26th ST FL 12, New York, NY 10001, USA

Led by its founder, Russell Johnson, Artec has developed an unequalled body of experience in the practical application of coupled volumes in the design and construction of concert halls. This paper will present a survey of selected past and future Artec projects from the point of view of the artists and venue managers that perform and work in these halls on a daily basis. Are adjustable acoustics an extravagance or a necessity? What practical problems have been encountered and are they inherent in the concept of adjustability or can they be avoided? How have the musicians reacted? And what is the future of adjustable acoustics?