

Cross- Cultural Sound and Music: A Novel Rhythmic Approach for Improving Brain Function

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Abstract

The integration of acoustic elements: frequency, amplitude, time and spatiality, forms the basis for how sound affects us. Since ancient times, sound has been used with great purpose to affect man. More recently, in the last seventy years, ongoing technological and scientific advances have enabled the development of sound-based programs for applications ranging from brain injury rehabilitation to wellness, and peak mental performance.

Beginning with its release of The Listening Program® in 1999, Advanced Brain Technologies, a leader in applied psychoacoustics and music cognition, has been combining artistry, musicianship, research, and interdisciplinary collaboration with technological innovations to record and produce music-based methods specifically created to improve and support brain function in children and adults.

The next generation of sound/music for brain fitness begins at the 2013 ISQRMM Conference. This presentation will unveil the newest development in The Listening Program, comprised entirely of original music which highlights and connects acoustic elements through a distinctive integration of rhythmic cross-cultural sounds.

This dynamic session will include the worldwide debut of this originally composed music through live and recorded performance, and audience participation. The history, rationale, and applications of this ground-breaking program will be presented by its creators.