Students of conducting and conducting pedagogy at Arizona State University’s School of Music now have the opportunity to enhance their skills as performers and teachers with the assistance of a unique technology housed in the Digital Conducting Laboratory. Utilizing a Digital Conducting Feedback System designed by Dr. Teresa Marrin Nakra of Immersion Music, Inc., the laboratory has the capability to simulate many of the behaviors of a live orchestra rehearsal setting. The system’s unobtrusive sensor interface and interactive program recreates several fundamental ensemble-conductor interactions, particularly by reacting to the tempo, articulation, and dynamic line generated by the conductor. In addition to immediate aural feedback, the system allows conductors to review their performances via sound files, video playback, and analysis of muscle-tension profiles. The musical materials consist of a set of etudes that systematically take a conductor through a review of basic conducting gestures. Compiled and arranged by the laboratory’s founder and director, ASU Professor Gary W. Hill, the etudes are principally derived from familiar classical music, freeing the user to focus primarily on his or her conducting and the concomitant response.