

2017 Spring IEEE AESS Special Recognition at UTSA Symposium

The IEEE Central Texas Section Joint AES/SMC Chapter once again presented a special recognition award at the 2017 Spring Semester UTSA College of Engineering Tech Symposium to a team of electrical engineering students for their senior design project which best represented the technical fields-of-interest of our societies. The award was presented by Chris Camargo, Director of Avionics and Support Systems at Southwest Research Institute, who is member of the local chapter.

Air Violin

Engineering Students: Jorge Campos, Daniel Fernandez, Yat Ching Shiu, Jorge Zapata

The Air Violin is intended to be a low-cost, easily transported alternative to an actual violin. It consists of a pair of embedded gloves that can closely simulate the feeling of playing an actual violin. The first glove is the "Bow Hand" which acts as the hand that holds the bow while playing the instrument. The second glove will act as the "Play Hand" and its functionality is to determine which note the user wants to play. A compatible android application will also be included to provide record and playback functions.

