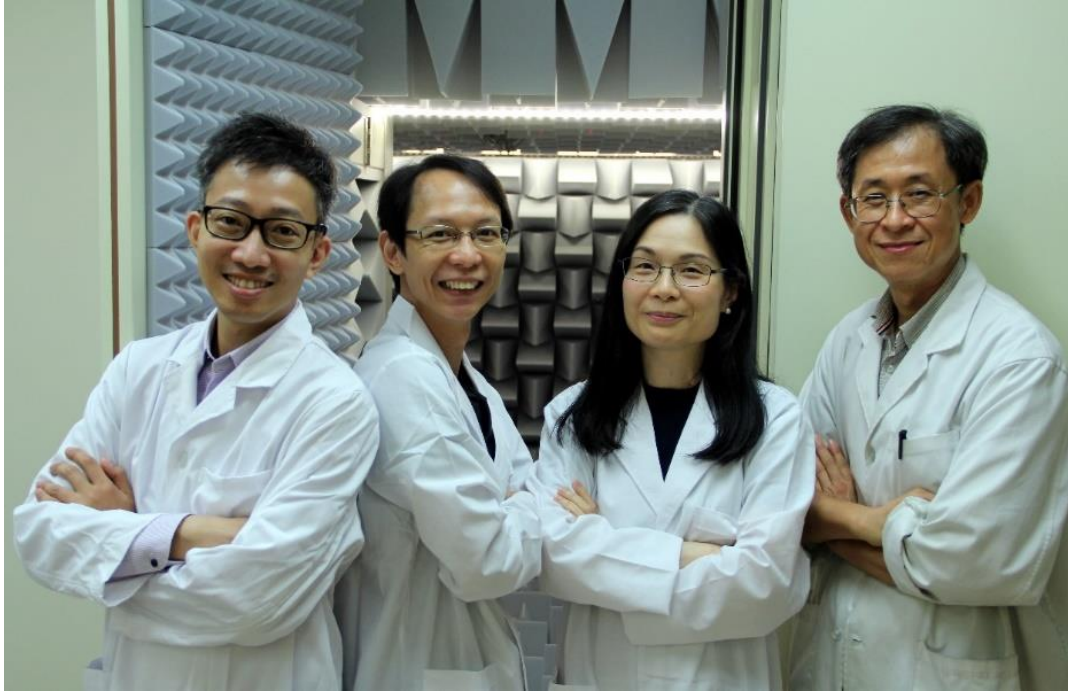


Standards and Calibration Laboratory wins the Best Paper Award at the NCSL International Workshop and Symposium 2021

The Standards and Calibration Laboratory (SCL) is honored to receive the Best Paper Award at the National Conference of Standards Laboratories International (NCSL International) Workshop and Symposium 2021 held on August 21-26, 2021 in Orlando, Florida. The NCSL International is a global metrology organization engaging in the advancement of measurement science. It established a platform for the world's measurement science experts and practitioners to network and exchange information. A large number of professionals and scientists from around the world attend the Workshop and Symposium. Papers are presented by speakers during technical sessions of the symposium. The Best Paper Awards are given to the highest scoring presentations. The winners of Best Paper Award in past years included many scientists from top-notch metrology Institutes in the world.



The awarded paper presented an automatic calibration system for quarter-inch working standard (WS3) microphones developed by the SCL. In this system, a tailor-made adaptor is used to hold a WS3 microphone and a half-inch laboratory standard (LS2) microphone in a suitable position inside a comparison coupler. This simplifies the calibration setup as described in IEC 61094-5 and improves the measurement repeatability. Moreover, the system supports generation of Digital Calibration Certificate (DCC) which aligns with the global trend in digital transformation of the quality infrastructure. The system gives machine interpretable information about the calibration process such that the results can be integrated into the digital workflows in calibration, measurement science, conformity assessment and industry applications.



The SCL project team members who won the Best Paper Award
(From left to right: Mr. Andrew Au, Mr. Angus, Ms. Brenda Lam and Mr. Y.C. Kwan)