

Abstract Submitted
for the SES17 Meeting of
The American Physical Society

Application of New Low Cost Technology for 2d-Flow Bound Resonance Method for Measurement of Fluid Flow.¹ KEN MCGILL, ABIGAIL SAVAGE, AIDAN BURLESON, CAIN GANTT, JOSHUA MOORE, KYLE COOLEY, STEPHEN CAVE, Georgia College State Univ — Proof of principle of the 2d-flow bound resonance method for measurement of fluid flow was established 2014. Devices employed for the measurement included 16 8-channel sample and hold Analog to Digital Converters (ADC), and 16 8-channel amplifiers. These devices were purchased in 2004. New devices available contain both the ADC and amplifier, and are available for much lower cost. The new devices are less defined for the application of 2d-flow bound resonance method for measurement of fluid flow. This presentation discusses the method for using current technology for 2d-flow bound resonance method for measurement of fluid flow.

¹GCSU

Kenneth McGill
Georgia College
State Univ

Date submitted: 04 Oct 2017

Electronic form version 1.4