

Abstract for an Invited Paper
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Idaho State University Physics Road Show

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The ISU Physics Road Show services over 40 schools and 12,000 students each year. Exciting and informative demonstration shows are conducted during assemblies at elementary, middle, and junior high schools. Discussion will focus on efforts taken to maximize the educational impact to students and teachers. These efforts include supplemental information and materials provided to teachers, teacher workshops, and careful catering of subject material to state and national education standards. A few sample demonstrations will be performed, including the boiling green water sucker, a magnet strongly repelled from a cooled copper disc, an artificial geyser that shoots water 6 meters, and a few liquid nitrogen tricks. This program is supported in part by a grant from the Idaho Community Foundation.