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ABSTRACT

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Recent Experimental Studies of Sonoluminescence*

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Experiments that study sing-bubble sonoluminescence (SL) have frustrated diagnostic capabilities and produced a variety of puzzling results. Recent experiments are addressing this situation with improved diagnostics and by studying new aspects of SL behavior. The experiments range from temporal measurements with improved resolutions to attempt to measure trace-gas production. Recent results will be presented and discussed with respect to theoretical studies of SL.

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