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Matthew Welz* (mwelz@fortlewis.edu), Department of Mathematics, 1000 Rim Drive, Durango, CO 81301. *2-Fusion Systems with a Standard Component of type $L_2(q)$.*

In the Classification of Finite Simple Groups, the simple groups are split between those of *characteristic 2-type* and those of *component type* (which, save a few exceptions, possess a *standard* component). Aschbacher laid out a major program of research: work toward a classification of fusion systems of component type in order to establish a new proof of the Classification for groups of component type. In this talk we consider the case where a 2-fusion system contains subgroups and fusion maps that arise in the Classification with standard components of type $L_2(q)$. (Received January 22, 2018)