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Adam Glesser* (adamglesser@gmail.com). *Saturated fusion systems over 2-groups of 2-rank 2.*

The study of fusion systems, as a bridge between group theory, block theory, and algebraic topology, and as a new approach to the classification of finite simple groups, is currently incredibly active. In this talk, we discuss the current state of the classification of saturated fusion systems on 2-groups of 2-rank 2. (Received August 27, 2013)