1138-18-393   **Paul Bruillard*** (`paul.bruillard@pnnl.gov`), 902 Battelle Blvd., Richland, WA 99352, and
Paul Gustafson, **Julia Yael Plavnik** and **Eric C. Rowell**. *Metaplectic Modular Categories.*

In this talk we will explore the classification of metaplectic modular categories, i.e., modular categories Grothendieck equivalent to $SO(N)_2$. We will show that such catgories will be characterized through equivariantization and gauging. Furthermore, we will discuss connections to categorical dimension. Specifically, we will consider the classification of modular categories of dimension $p^3 m$ and $16m$ where m is square-free. (Received February 13, 2018)