

*Abstract submitted for 61st Annual Meeting of the Australian
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Title: Computations in Bredon motivic cohomology

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We construct a category of $\mathbb{Z}/2$ -equivariant motives and relate it with the $\mathbb{Z}/2$ -equivariant motivic homotopy category. Bredon motivic cohomology is represented in this category of $\mathbb{Z}/2$ -equivariant motives. We also identify weight 1 of Bredon motivic cohomology of a point.