

## Midwest Topology Seminar

$Tmf_0(3)$

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**Abstract:** Quite recently, Mike Hill and Tyler Lawson defined "compactified" versions of topological modular forms with level structures. The goal of this talk is to explore these new versions in the example of  $Tmf_0(3)$ . In particular, we will compute its Picard group and its Anderson dual. Throughout, ideas from equivariant homotopy theory will be important, especially the use of representation spheres.

Saturday, February 28 at 2:30 PM in Lecture Center F, Room 4