

# Automorphic forms associated with Conway's group

Nils Scheithauer

Technical University of Darmstadt

## Abstract:

We show that there is a bijection between a certain class of reflective forms of singular weight and the algebraic conjugacy classes of Conway's group  $\text{Co}_0$  with non-trivial fixed-point sublattice. This is work in progress together with Thomas Driscoll-Spittler and Janik Wilhelm.