
SETH WOLBERT, University of Manitoba

Diffeological coarse moduli spaces for stacks over manifolds

In this talk, I will give a brief introduction to diffeologies, a relatively simple model for endowing singular spaces with smooth structure. I will also discuss how one may naturally use an alternative identification of diffeologies as a certain type of sheaf to build a diffeological coarse moduli spaces for any stack over the site of smooth manifolds.