# COMPUTATIONAL ASPECTS OF BIANCHI MODULAR FORMS

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ABSTRACT. Bianchi modular forms are generalization of classical modular forms to the setting of imaginary quadratic fields. Similar to the classical case, we can compute certain parts of Bianchi modular forms using homology groups. However, to get the complete picture, we need to also consider the class group of the imaginary quadratic fields. In this talk, I will give an introduction on techniques we used for computing modular forms over imaginary quadratic fields with non-trivial class groups. The work presented is joint work with Dan Yasaki.