

PROJECT SUMMARY

The program being proposed will be focused around arguably the most important outstanding conjecture on the topology of moduli spaces, the “Mumford Standard Class Conjecture.” There has been considerable progress on this conjecture over the last 3 or 4 years, from both algebraic geometric and algebraic topological perspectives. This proposal is to bring together 5 to 8 of the key people in working on questions surrounding this conjecture for a period of one to two months during July and August, 2001. At the end of this period we will have a 5 day workshop with approximately 40 - 50 researchers specializing on questions regarding the topology of moduli spaces related to the Mumford problem.