

ERNST KANI, Queen's University

L-functions of certain quotient varieties

In this talk I plan to discuss the Hasse–Weil Zeta-function of (singular) quotient varieties $Y = X/G$, where G is a finite group acting on a smooth variety X/Q . Of particular interest here is the case that X is a modular product surface of level N , *i.e.*, $X = X(N) \times X(N)$, where $X(N)/Q$ is the modular curve of level N .