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Angelo Vistoli* (vistoli@dm.unibo.it), Dipartimento di Matematica, Universita' di Bologna,
40126 Bologna, Italy. *Stacks of curves of low gonality and group actions*. Preliminary report.

Some interesting fibered categories can be expressed as quotient stacks for very simple group actions; this gives an approach to computing their algebraic invariants (for example, their Picard groups). In my talk I will describe the cases of hyperelliptic curves (joint work with A. Arsie) and trigonal curves (work in progress). (Received September 01, 2006)