

Recent development on the geometric Bogomolov conjecture

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Sakura Workshop "Torsion of abelian schemes and rational points on moduli spaces" - I.M.B.,
January 25th - 29th, 2010

Bogomolov conjecture insists that a closed subvariety of an abelian variety containing many small points should be a torsion subvariety. Over a number field, it was proved by Ullmo and Zhang more than ten years ago. Over a function field, namely, in the geometric case, it has not been completely solved, but some important partial results have been obtained by many mathematicians these years. I am planning to give talk on such recent development, with my work in progress.