QUADRATIC CHABAUTY FOR MODULAR CURVES

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We discuss how the quadratic Chabauty method may be used to determine rational points on modular curves. Throughout, we highlight several examples. This is based on joint work with Amnon Besser, Alexander Betts, Francesca Bianchi, Netan Dogra, Daniel Hast, Aashraya Jha, Steffen Mueller, Jan Tuitman, and Jan Vonk.