

1145-11-2286      **Lubjana Beshaj\*** ([lubjana.beshaj@usma.edu](mailto:lubjana.beshaj@usma.edu)). *Isogenous components of 2-dimensional reducible Jacobians.*

Isogeny based cryptography is a promising scheme in the post quantum world. In this talk we will cover the mathematical background needed for supersingular isogeny based cryptography and some current research on isogenous components of 2-dimensional reducible Jacobians. (Received September 25, 2018)