

1154-14-2665 **Gretchen L. Matthews*** (gmatthews@vt.edu), Department of Mathematics, Virginia Tech,
Blacksburg, VA 24061. *Algebraic geometry code-based crypto.*

Code-based cryptography, introduced by McEliece in 1978, has received recent attention due to its potential for post quantum use. In this talk, we share recent results on the use of algebraic geometry codes in code-based cryptosystems. (Received September 17, 2019)