1078-16-386 D. Rogalski* (drogalsk@math.ucsd.edu), S. J. Sierra and J. T. Stafford. Algebras in which every subalgebra is noetherian.

We discuss examples of noncommutative algebras over a field with the intriguing property that all of their subalgebras are noetherian. The main such example we discuss is the coordinate ring of the affine surface obtained by removing the elliptic curve from the Sklyanin projective plane. In particular, such an example need not have GK-dimension 1, as in the commutative case. We also discuss some related open questions. (Received December 13, 2011)