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**Ian M. Aberbach** and **Florian Enescu\*** ([fenescu@gsu.edu](mailto:fenescu@gsu.edu)), University Plaza, Georgia State University, Atlanta, GA 30303. *Lower Bounds for Hilbert-Kunz Multiplicities*. Preliminary report.

We will present various lower bounds for the Hilbert-Kunz multiplicity of a local ring. The estimates are described in terms of the dimension, Hilbert-Samuel multiplicity, embedding dimension, and (Cohen-Macaulay) type of the ring. (Received August 09, 2006)