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*Asymptotic nature of higher Mahler Measure.*

We consider the  $k$ -higher Mahler measure  $m_k(P)$  of a Laurent polynomial  $P$  as the integral of  $\log^k |P|$  over the complex unit circle. In this talk we present an explicit formula for the value of  $|m_k(P)| / k!$  as  $k \rightarrow \infty$ . We also present the rate of convergence of the sequence  $\{m_k(P)\}_{k \geq 1}$  for the representative special case  $P(z) = z + r$  with  $|r| = 1$ .