Distribution of zeros of derivatives of the Riemann $\xi$-function

For the completed Riemann zeta function $\xi(s)$, it is known that the Riemann Hypothesis for $\xi(s)$ implies the Riemann hypothesis for $\xi^{(m)}(s)$, where $m$ is any positive integer. In this talk, we discuss the distribution of the fractional parts of the sequence $(\alpha \gamma_m)$, where $\alpha$ is any fixed non-zero real number and $\gamma_m$ runs over imaginary parts of zeros of $\xi^{(m)}(s)$. This involves a zero density estimate and an explicit formula for the zeros of $\xi^{(m)}(s)$. This is joint work with Arindam Roy.