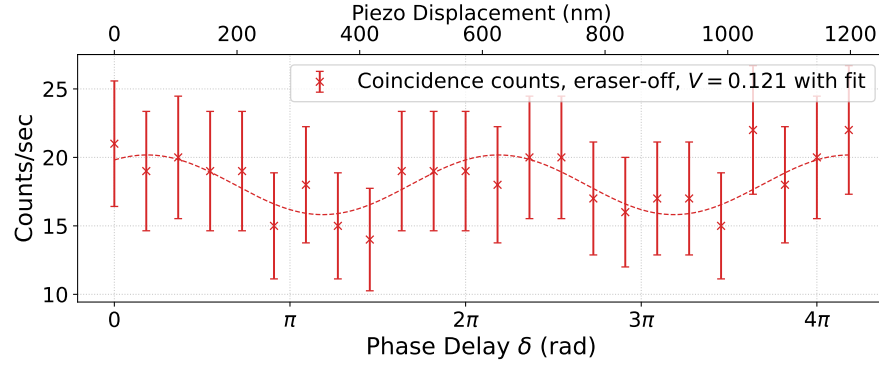


Condition	Signal LP angle	Idler self-interference visibility (V)
Eraser Off	0°	0.121
Eraser On	45°	0.577

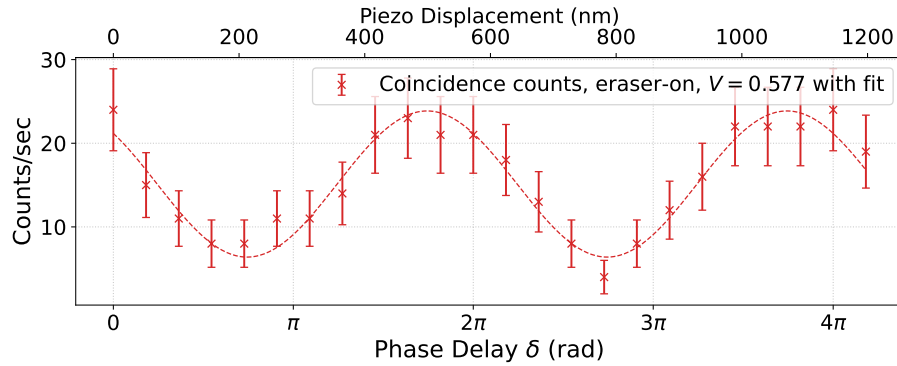
Observed visibilities for idler self-interference in the MZI, when erasing which-way information from the signal photon (or not) in the entangled pair quantum eraser experiment.

Coincidence counts, eraser-off



The polarization of the signal photons carried which-way information about their paired idler's path through the MZI. With the signal LP angle at 0° this which-way information was preserved, preventing idler self-interference (visibility of $V = 0.121$).

Coincidence counts, eraser-on



Setting the signal LP angle to 45° erased the which-way information carried by the polarization of signal photons, by projecting onto the diagonal basis. This produced high visibility ($V = 0.577$) self-interference of the idlers in the MZI.