

Visualizing spin-polarized electronic states with SR-ARPES

Figures

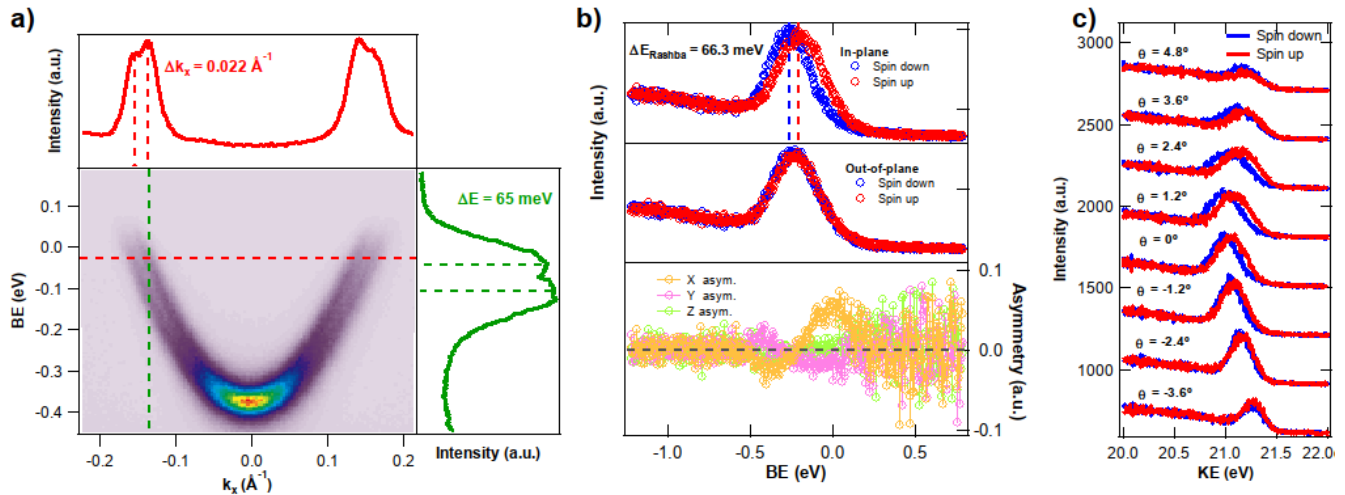


Fig. 1: **a)** Surface state Au(111) ARPES measurements. Top and right panels show the profiles along dashed lines in center panel. Splittings of $\Delta E = 65 \text{ meV}$ and $\Delta k_x = 0.022 \text{\AA}^{-1}$ are found, in agreement with literature. **b)** SR-ARPES measurements. In-plane components show an energy splitting of $\Delta E_{\text{Rashba}} = 66.3 \text{ meV}$. Noticeable asymmetry is only found for X component. **c)** EDCs for in-plane (X) up and down spins.