

linear Photoemission

$1.55 + 6 \text{ eV}$

e^-

e^-

E_{Vac}

6 eV Probe

$\Phi = 5.3 \text{ eV}$

E_F

$E - E_F = 1.55 - 0 \text{ eV}$

$E - E_F = 0 \text{ to } -0.7 \text{ eV}$

1.55 eV

Front or back
side pump

