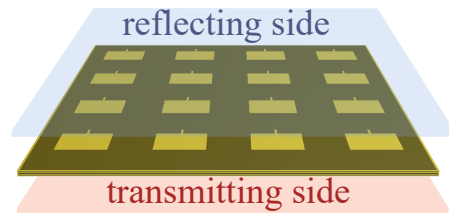


incident waves

$$\mathbf{w}_0$$

smart surface with
programmable
phase and frequency



transmitted waves

$$\mathbf{w}_t = \mathbf{w}_0 + \mathbf{w}_m$$

modulated frequency

$$\mathbf{w}_m$$