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## Pushing the fundamental limits of 2D plasmons

Plasmon with large confinement is attractive for various applications such as bio- and gas- sensing, infrared detectors, and beamforming. Various nanophotonics would also benefit from non-reciprocal devices without the application of a magnetic field. In this talk, I will discuss strategies in realizing 2D plasmons with large confinement and non-reciprocity.