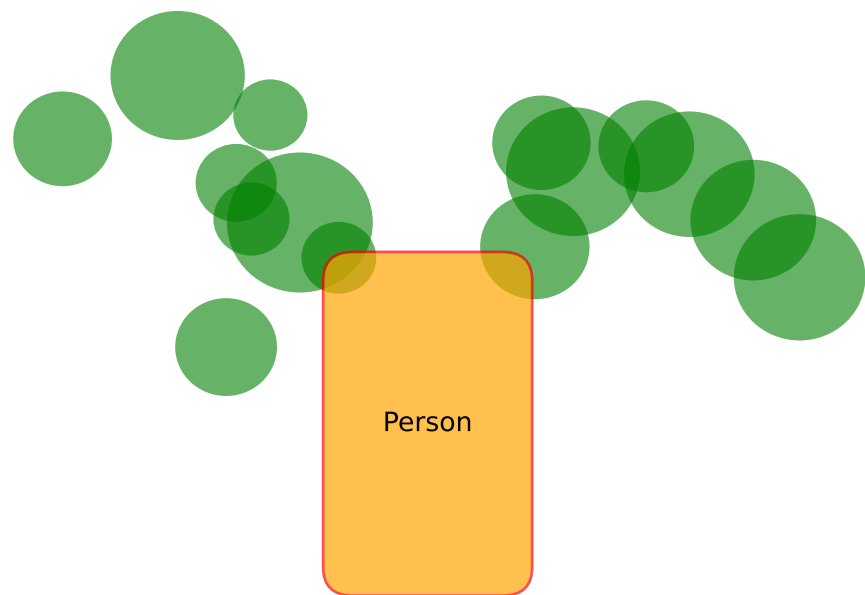# Traditional RGB Gaussian Splatting

RGB Cameras
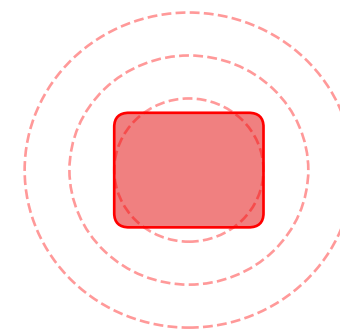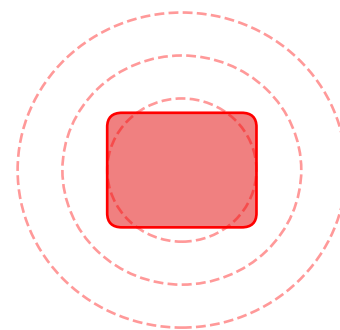
3D Gaussians
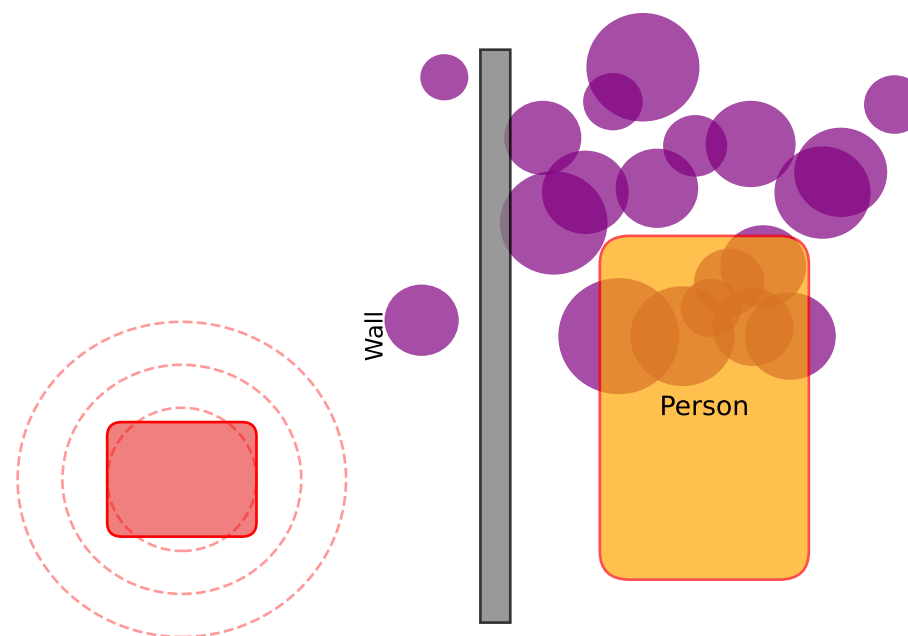
Person

🔒 Requires lighting
🔒 Line-of-sight needed
🔒 Privacy concerns

RF-GS: Radio-Frequency Gaussian Splatting

Wi-Fi Routers (CSI)

RF-Optimized 3D Gaussians

Wall

Person

🔓 Works in darkness
🔓 Through-wall sensing
🔓 Privacy-preserving