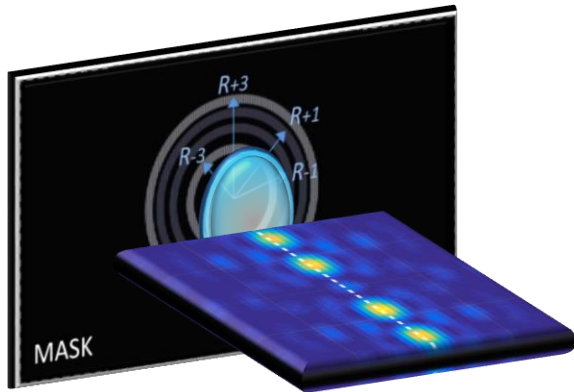
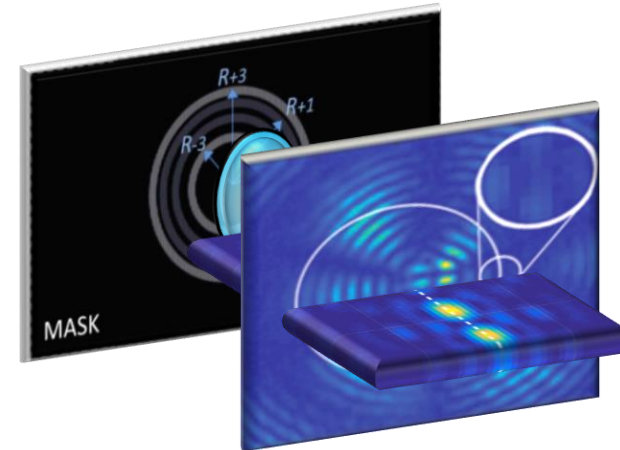


## Axial sub-Fourier focusing of an optical beam



Zacharias T. et al. Opt. Let. 2017

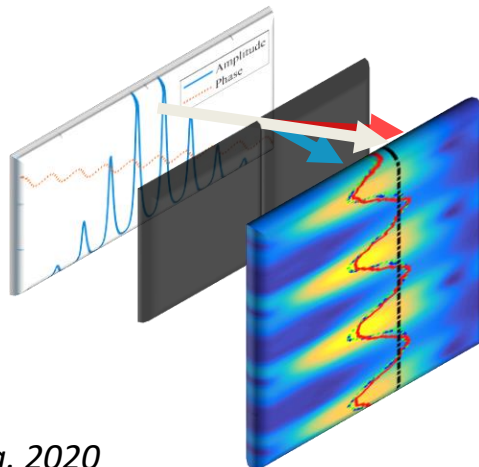
## Light beams with volume superoscillations



Zacharias T. et al. Opt. Let. 2020

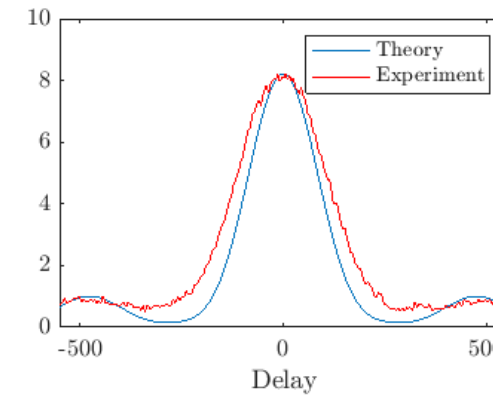
$$f_{so}(x) = (\cos(k_0x) + i\sin(k_0x))^N$$

## Observation of optical backflow



Eliezer Y. et al. Optica. 2020

## Slow light fast light



Ongoing