



# Integrated Photonics



Image:  
Lucas Gabrielli



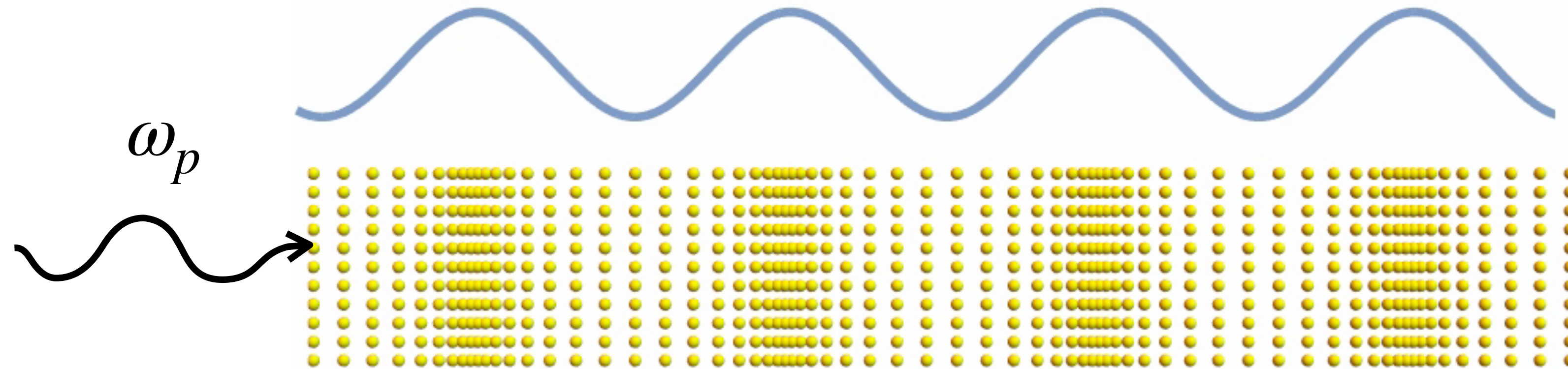
- Indirect bandgap
- Null electro-optic effect
- Large two-photon absorption



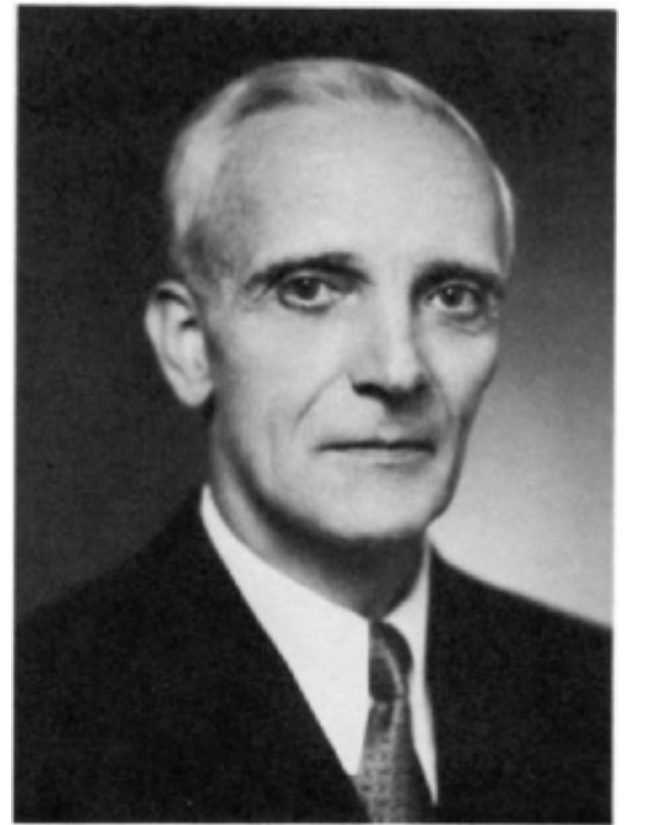
- Modulation
- Switching
- Optical isolation
- RF photonics
- Detection
- Light generation



# Brillouin scattering



Moving  
Bragg  
Grating



Brillouin L. Ann. Phys.  
(Paris) 17, 88 (1922)

