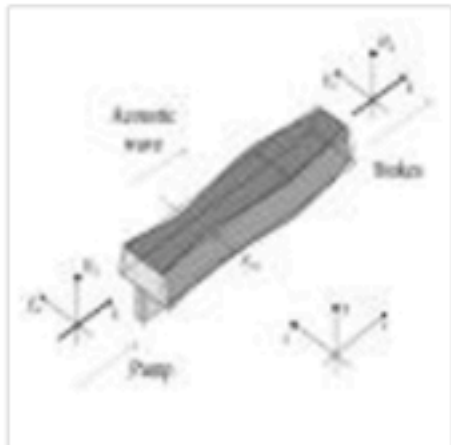




A good time to be a student

Journal of the Optical Society of America B Vol. 38, Issue 4, pp. 1243-1269 (2021) • <https://doi.org/10.1364/JOSAB.416747>



Brillouin scattering—theory and experiment: tutorial

C. Wolff, M. J. A. Smith, B. Stiller, and C. G. Poulton

[Author Information](#) • [Find other works by these authors](#)

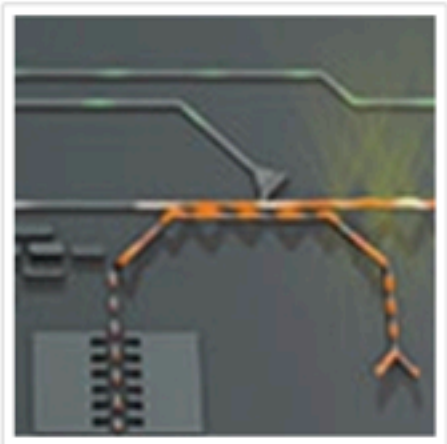
Review Article | [Published: 19 August 2019](#)

Brillouin integrated photonics

[Benjamin J. Eggleton](#), [Christopher G. Poulton](#), [Peter T. Rakich](#), [Michael. J. Steel](#) & [Gaurav Bahl](#)

[Nature Photonics](#) 13, 664–677 (2019) | [Cite this article](#)

Optica Vol. 6, Issue 2, pp. 213-232 (2019) • <https://doi.org/10.1364/OPTICA.6.000213>



Controlling phonons and photons at the wavelength scale: integrated photonics meets integrated phononics

Amir H. Safavi-Naeini, Dries Van Thourhout, Roel Baets, and Raphaël Van Laer

[Author Information](#) • [Find other works by these authors](#)



Integrated Photonics



Image:
Lucas Gabrielli



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



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