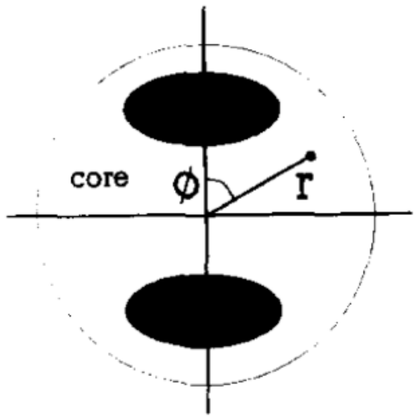
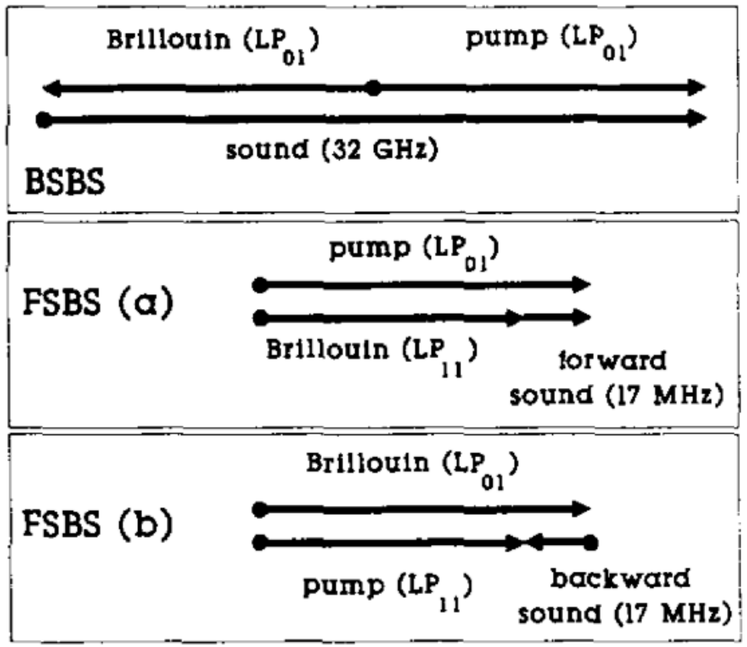
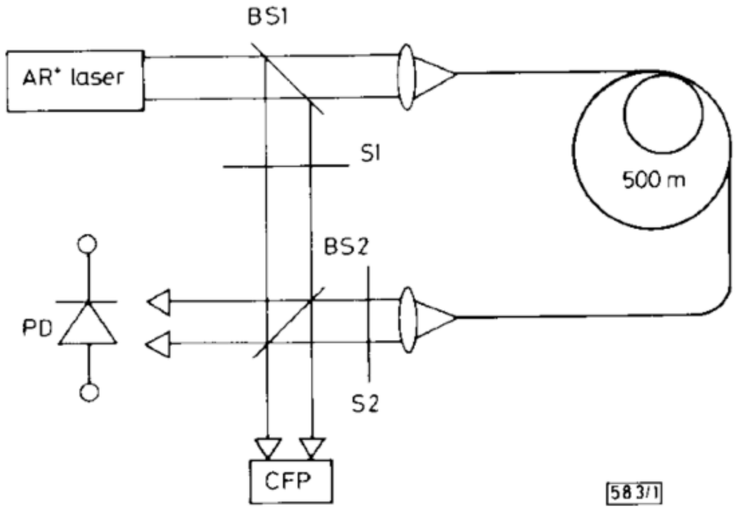
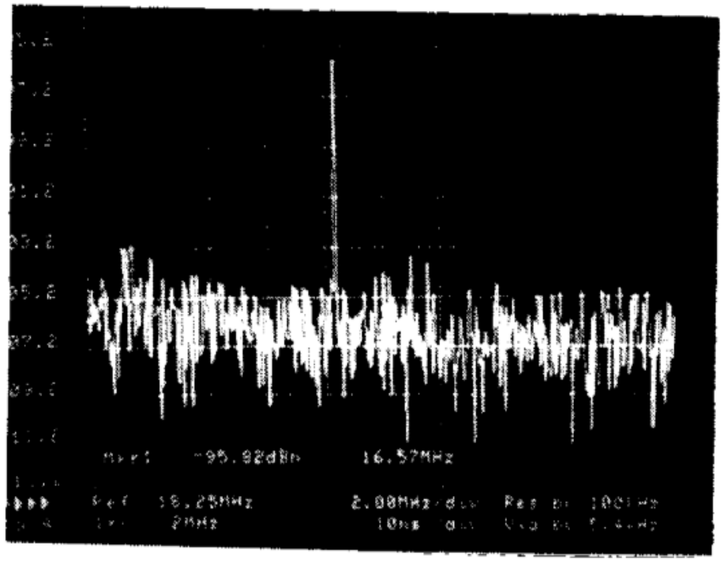
Inter-modal forward SBS





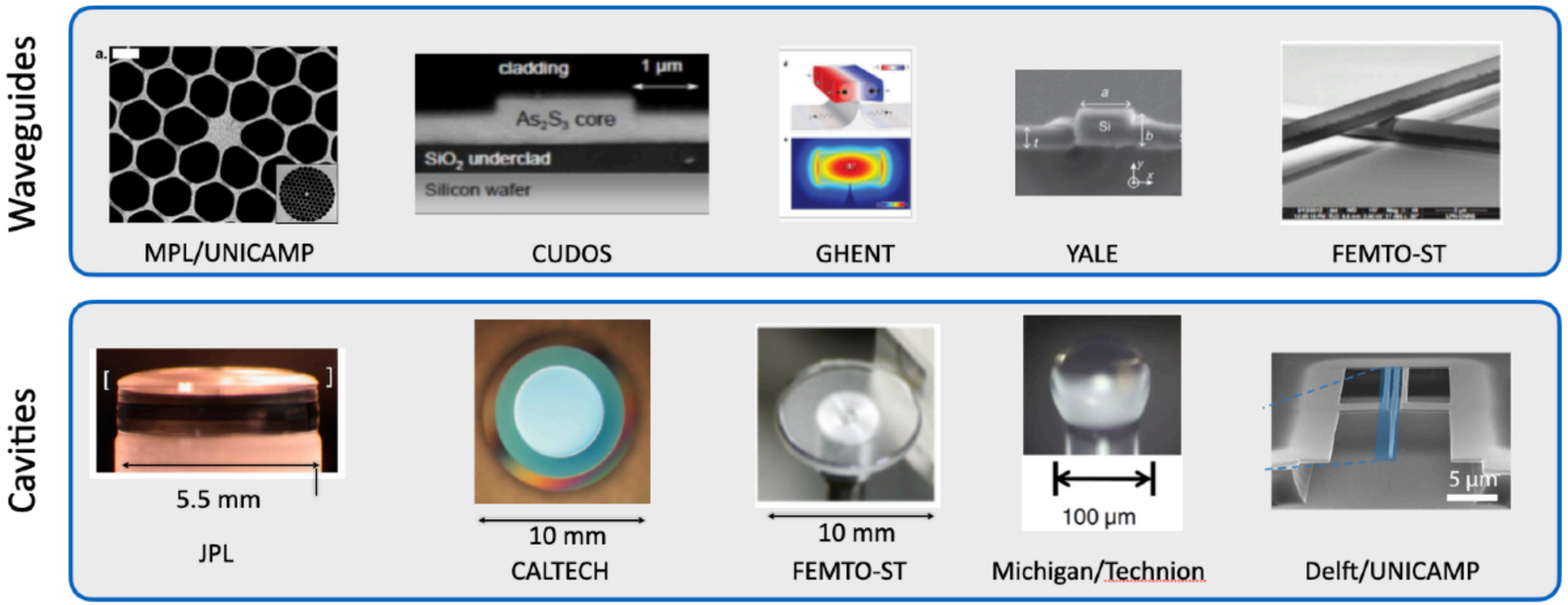




Russell, P. S. J., Culverhouse, D. & Farahi, F. Electron. Lett. 26, 1195 (1990).

P. S. J. Russell, D. Culverhouse and F. Farahi, in *IEEE Journal of Quantum Electronics*, vol. 27, no. 3, pp. 836-842, March 1991

Light and sound interaction



- Gyroscopes
- Sensors
- Amplifiers
- High spectral purity lasers
- RF signal processing
- Quantum states
- Quantum memories

M. L. Povinelli, **Optics Letters** 30: 3042-3044 (2005).
Dainese, P., et al. (2006). **Nature Physics**, 2(6), 388–392.
Pant, R., et al. (2011). **Optics Express**, 19(9), 8285–8290
Beugnot, J. C., (2014). **Nature Comm.**, 5, 5242
Van Laer, R., et al (2015). **Nature Photonics**, 9(3), 199–203.
S. Grudinin et. al., **PRL** 102, 2009
Marpaung, D. et al. **Optica** 2, 76–83 (2015).
Yair Antman,et al **Optica** 3, 510-516 (2016)

M. Tomes, and T. Carmon, **PRL** 102, 2009
Bahl, G. *et. al.*, **Nature Phys**. 8, 2012
Li, J. et al. **Optics Express** 20, 20170-20180 (2012)
Lee, H., et al. **Nature Photonics**, *6*(6), 369–373. (2012)
Lin, G. et al. **Optics Express** 24(13):14880 ·(2016)
Yang, F.,et al. **Nat. Photonics** 14, 700–708 (2020).
Fiaschi, et al. **Nature Photonics** 15, 817-821 (2021)