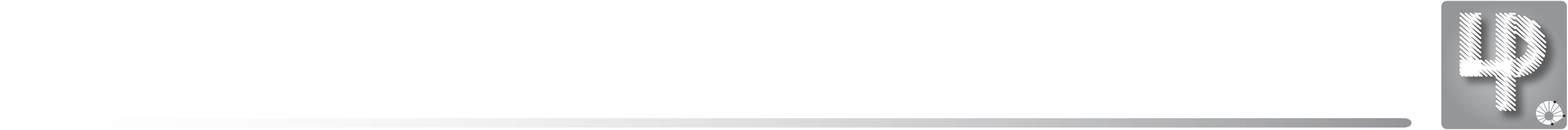




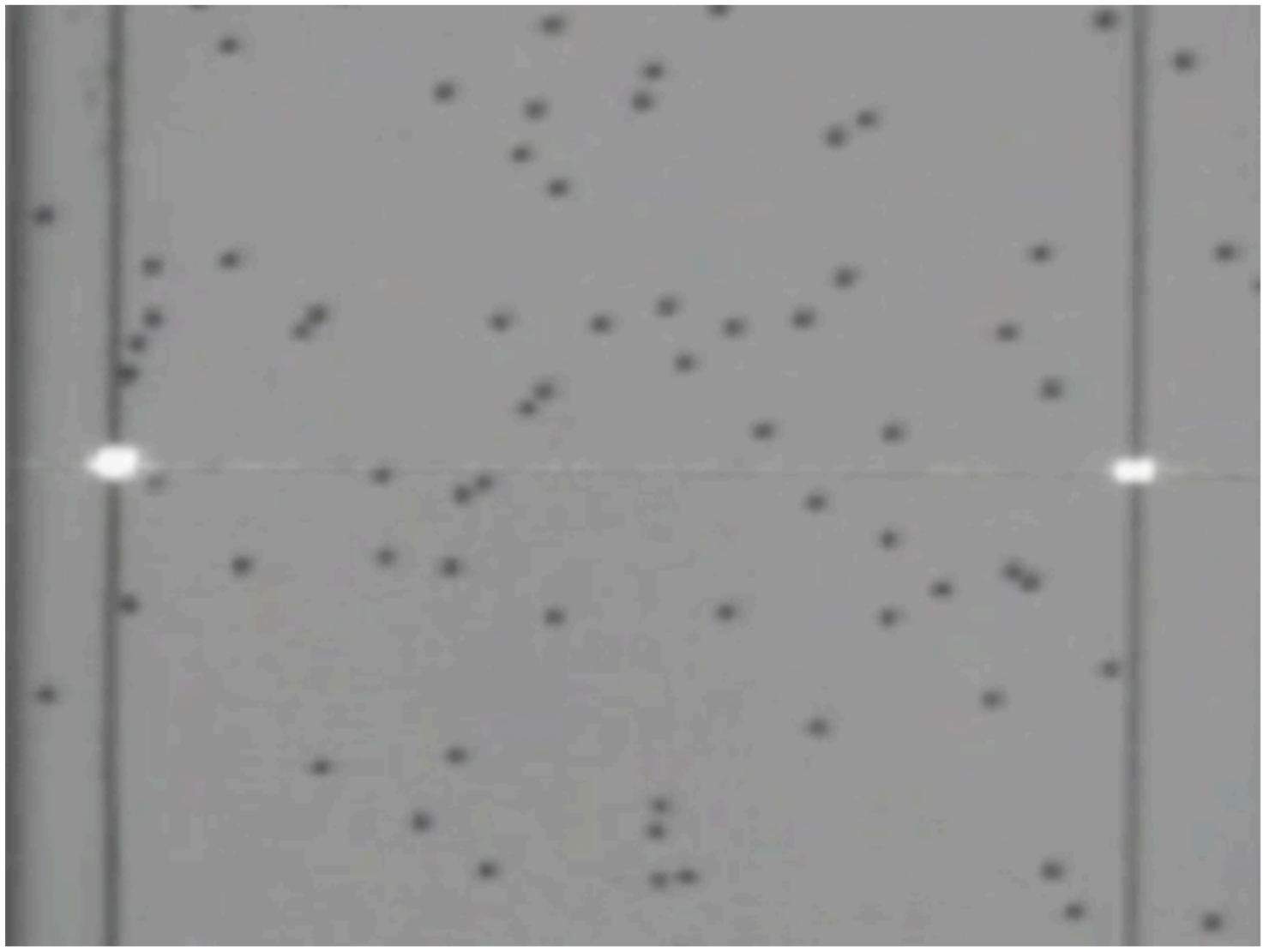


Wombat 2022, Erlangen, June 14th 2022. Gustav Wiederhake.



























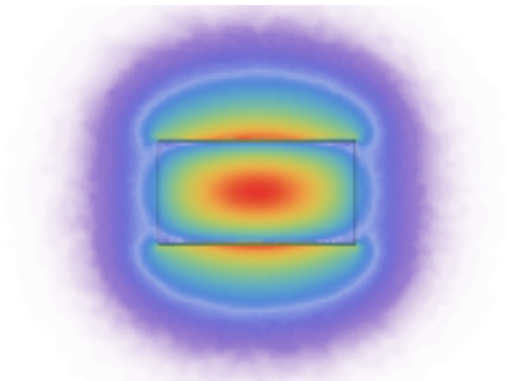


















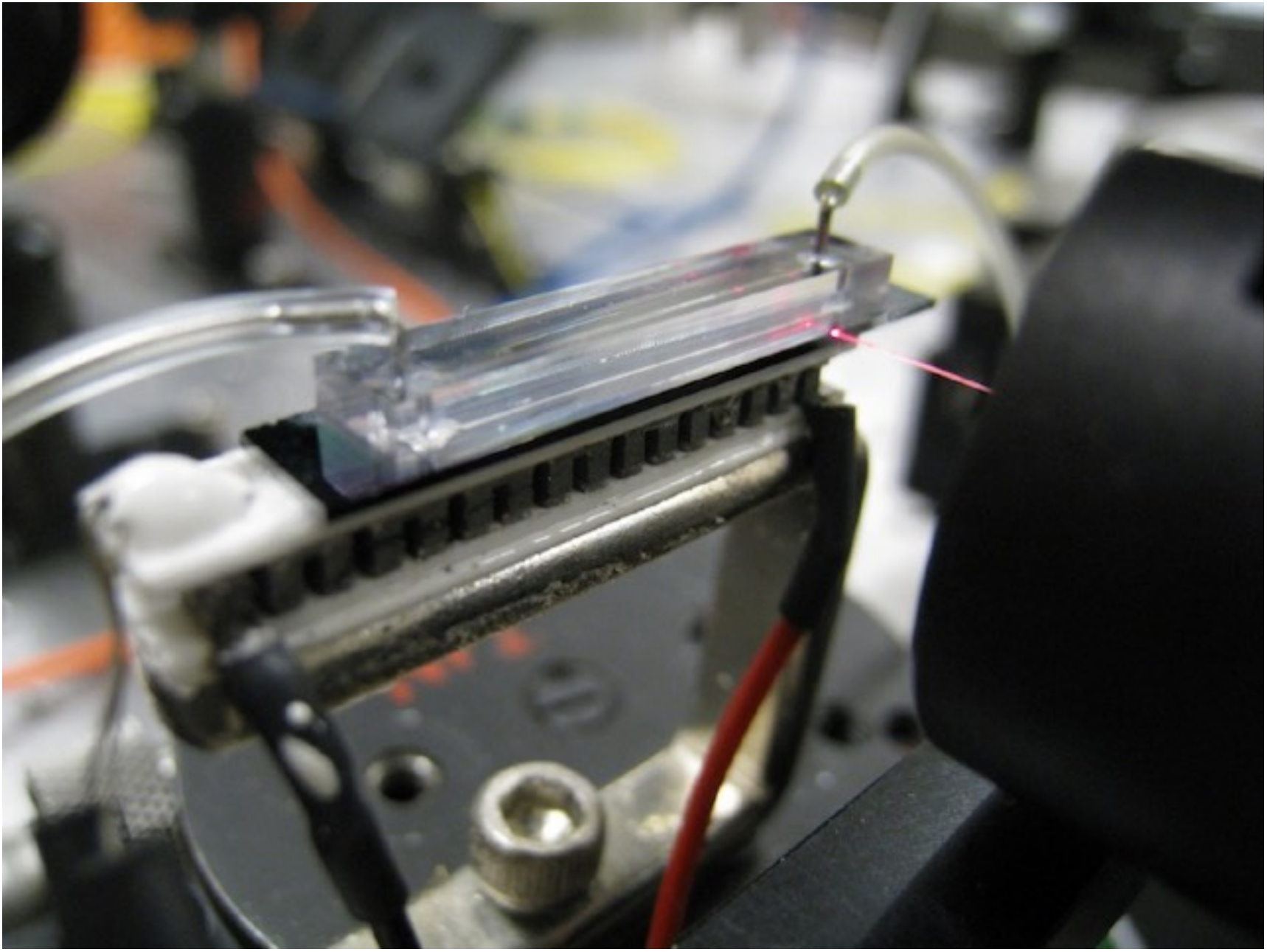
**light**

**out**

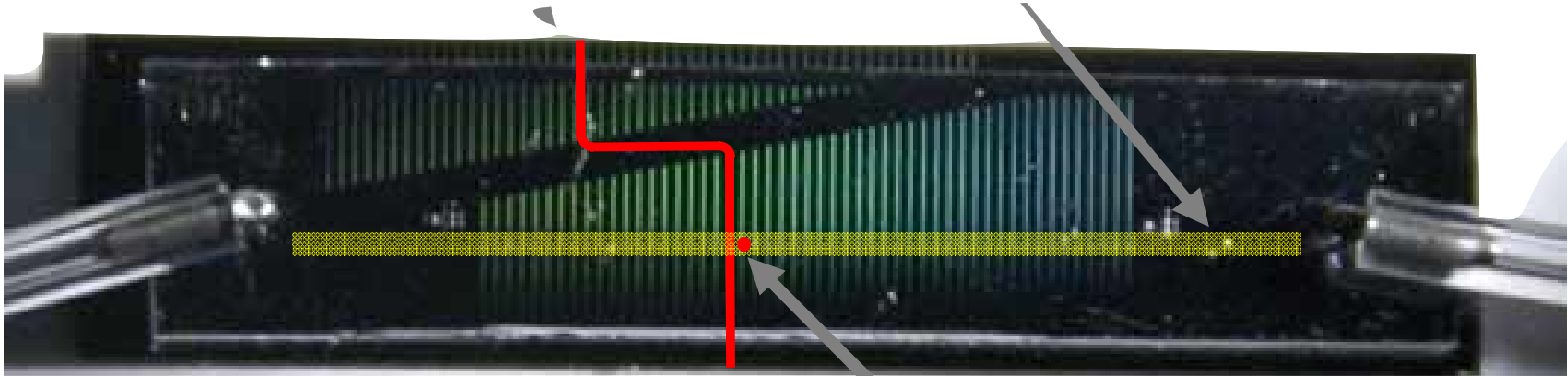
**ighting  
tinn**



35















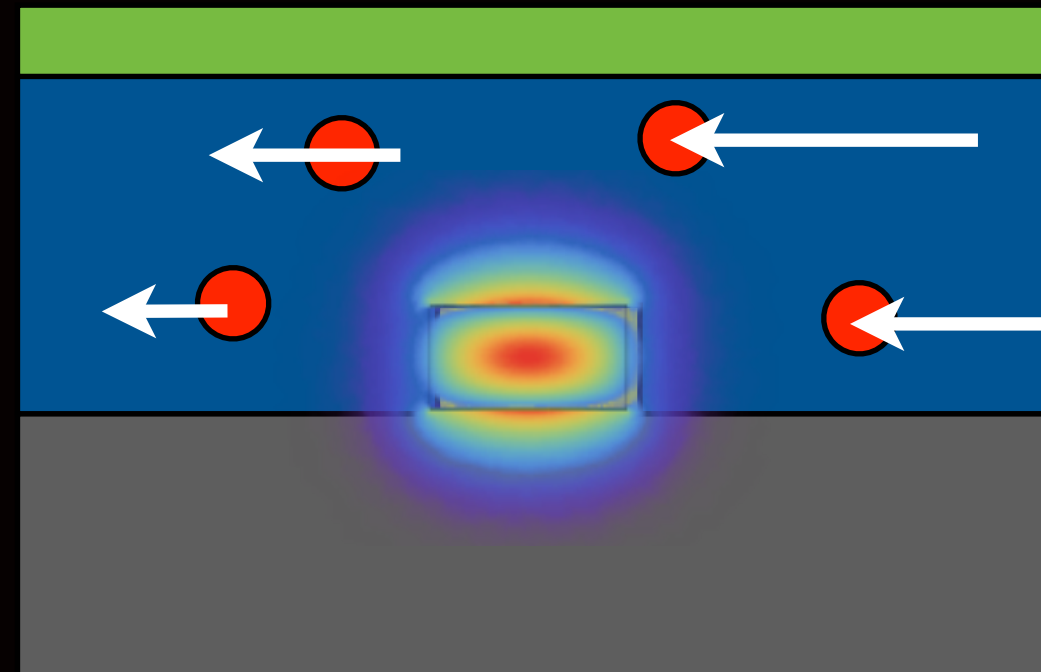




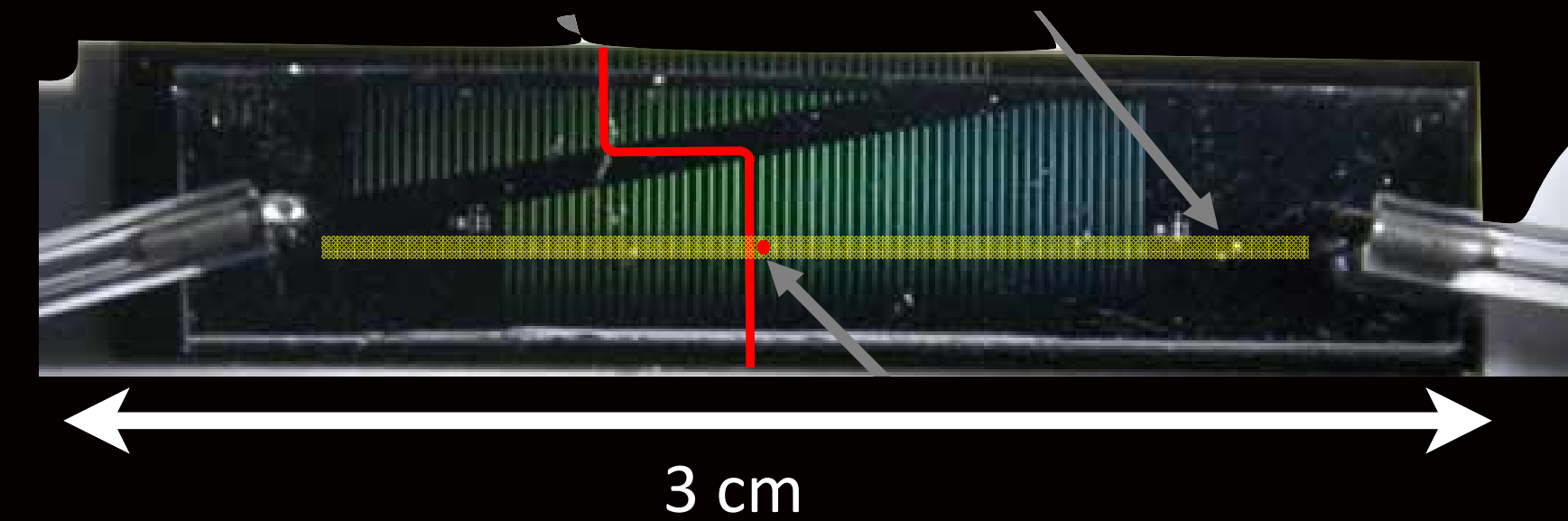
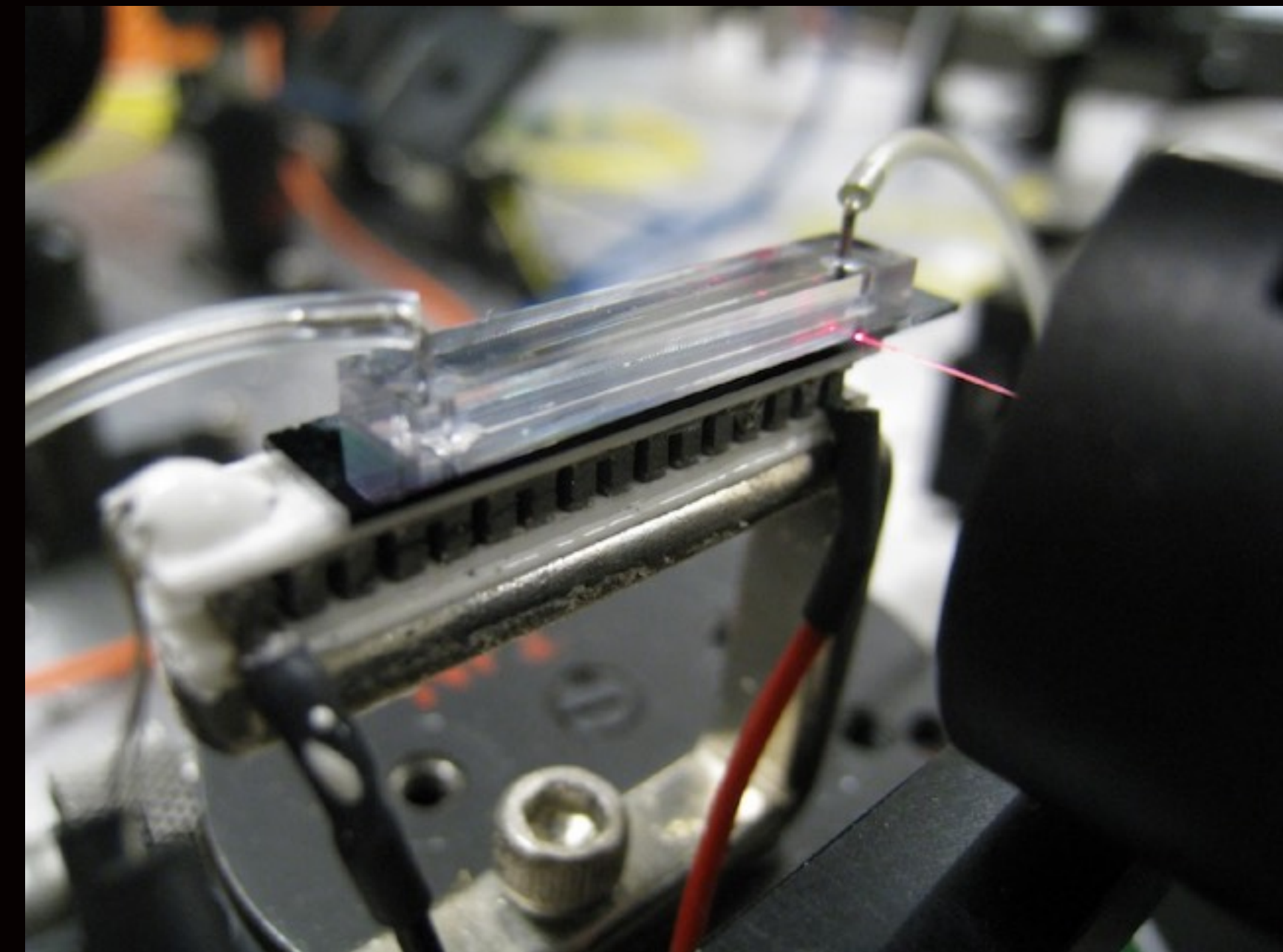
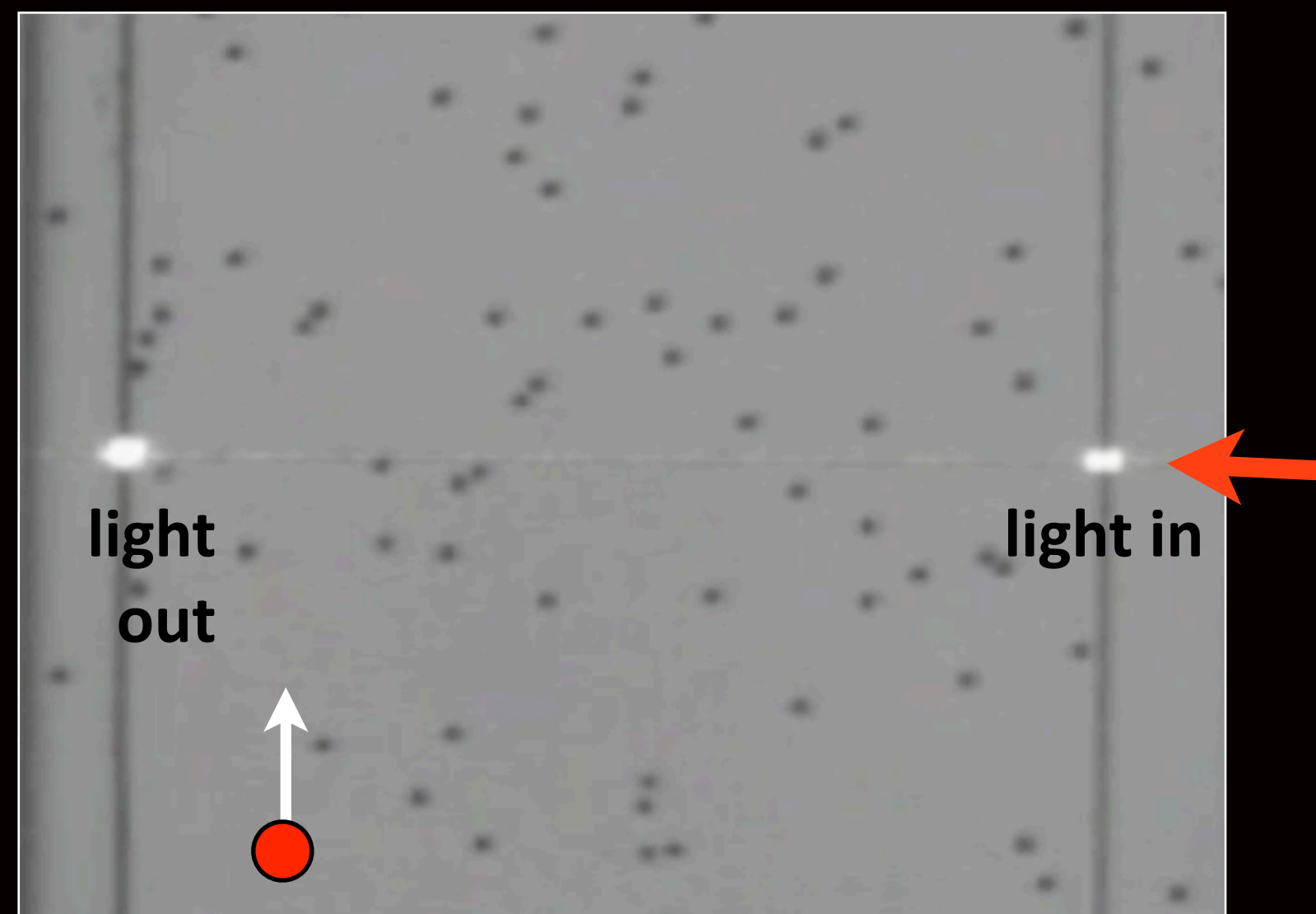




# Radiation pressure forces



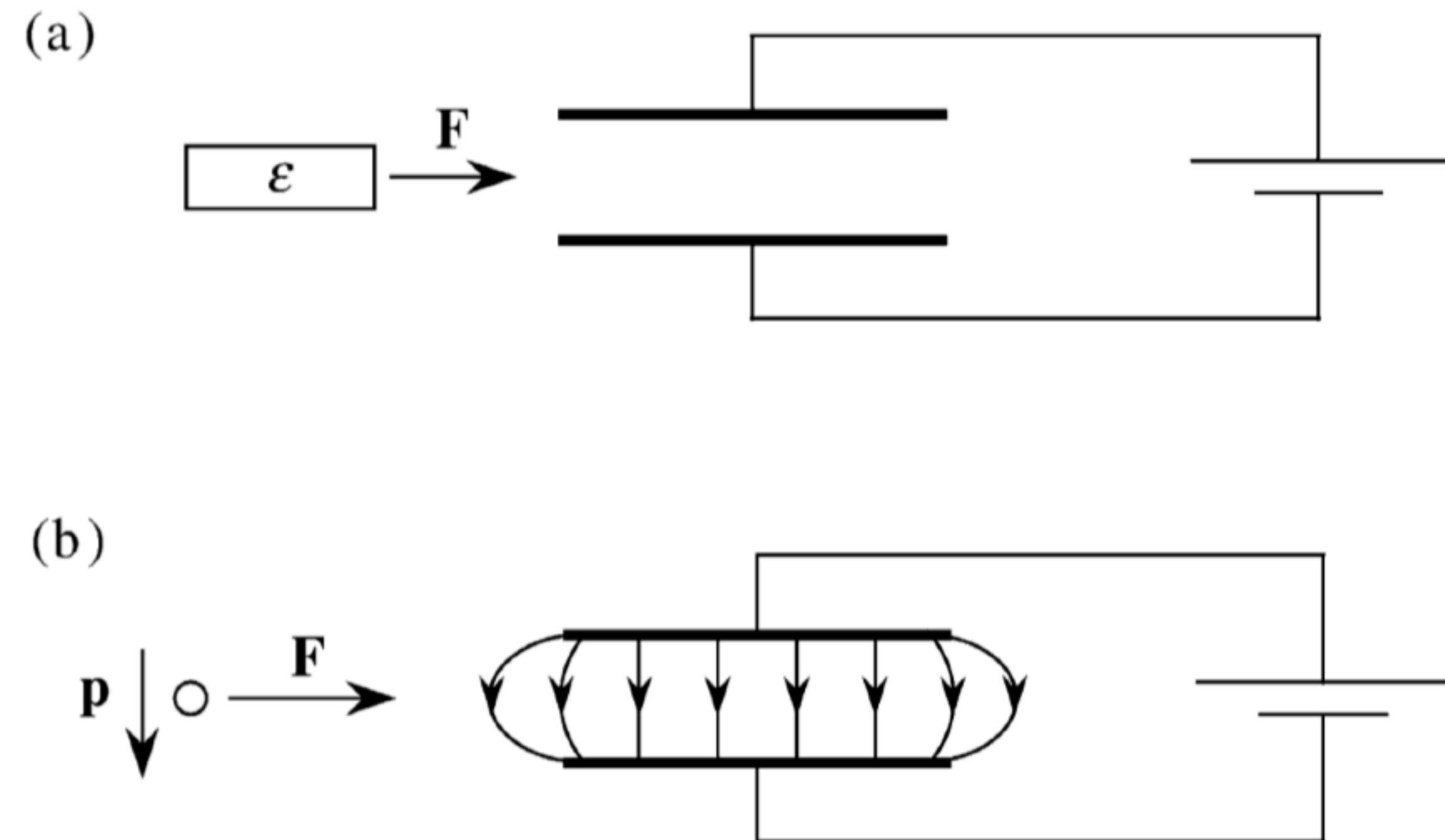
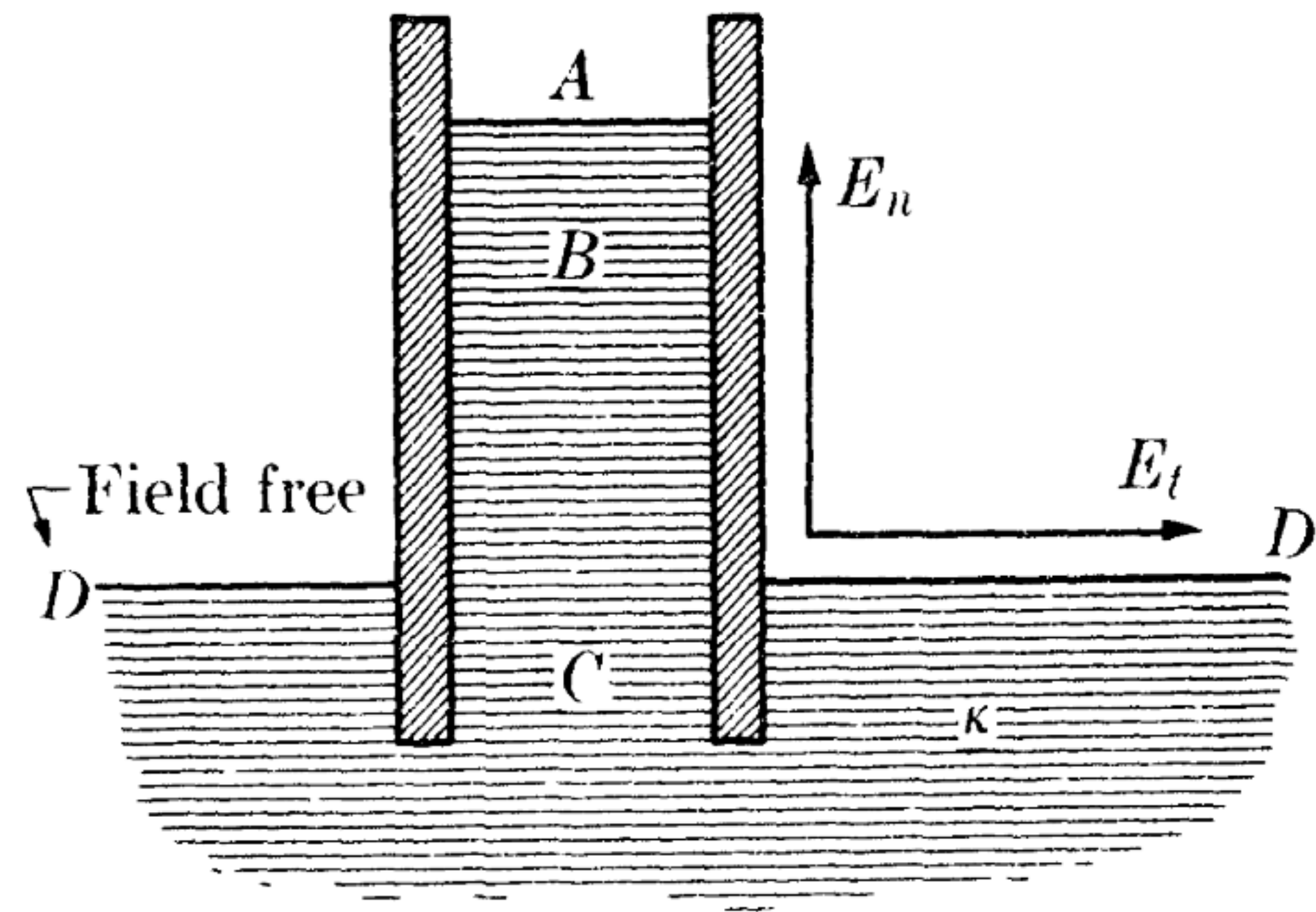
waveguide cross-section



Integrated particle trapping setup



# Origin of electrostriction



1. Panofsky, W. K. H. & Phillips, M. Classical Electricity and Magnetism: Second Edition. (Dover Publications, 2012) - Chapter 6 (section 6.6, 6.7)
2. Landau, L. D. et al. Electrodynamics of Continuous Media. (Elsevier Science, 2013). - Chapter 2 (Sections 11,12)
3. Boyd, R. W. . Nonlinear Optics. (Elsevier Science, 2008).