

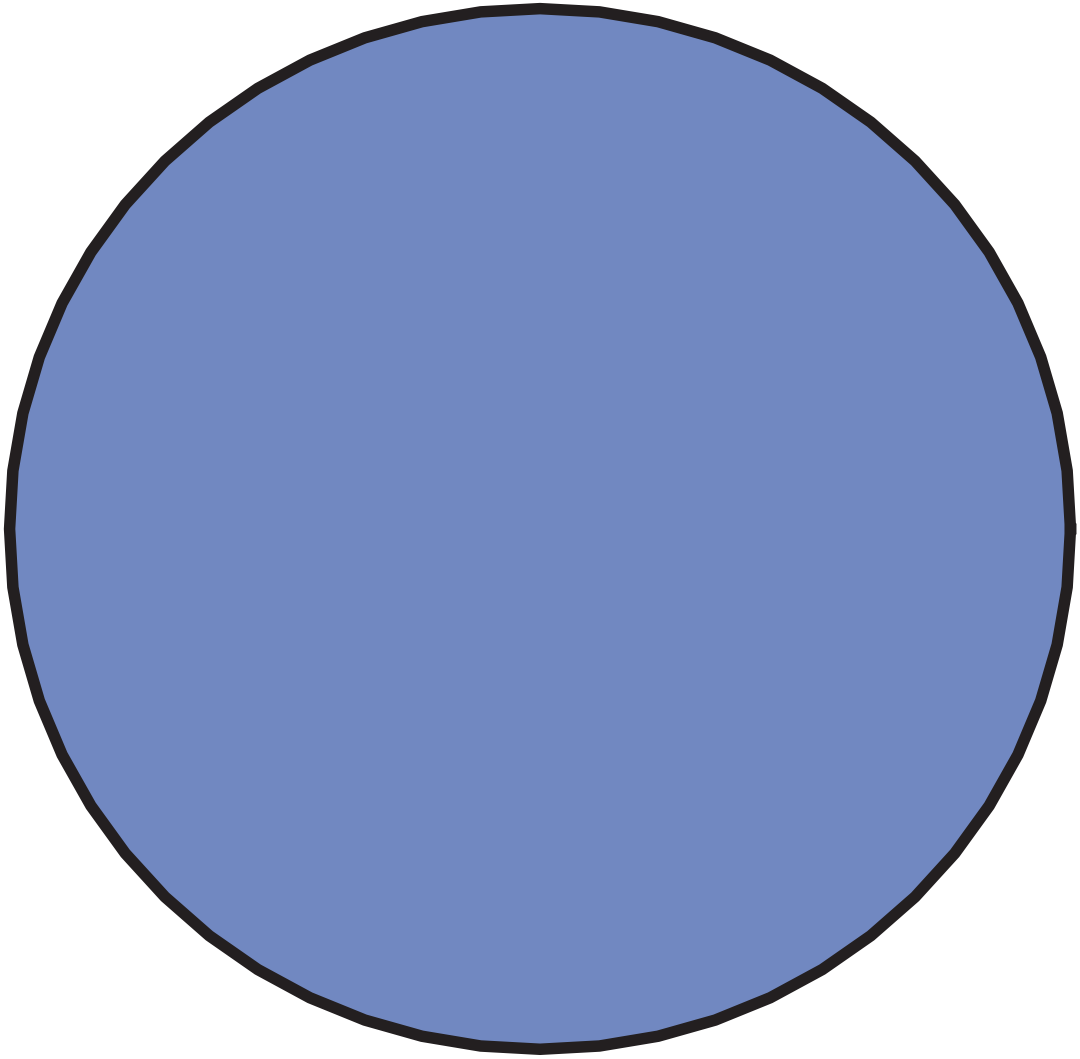
Photo-elastic (pe) vs. moving boundary (mb)

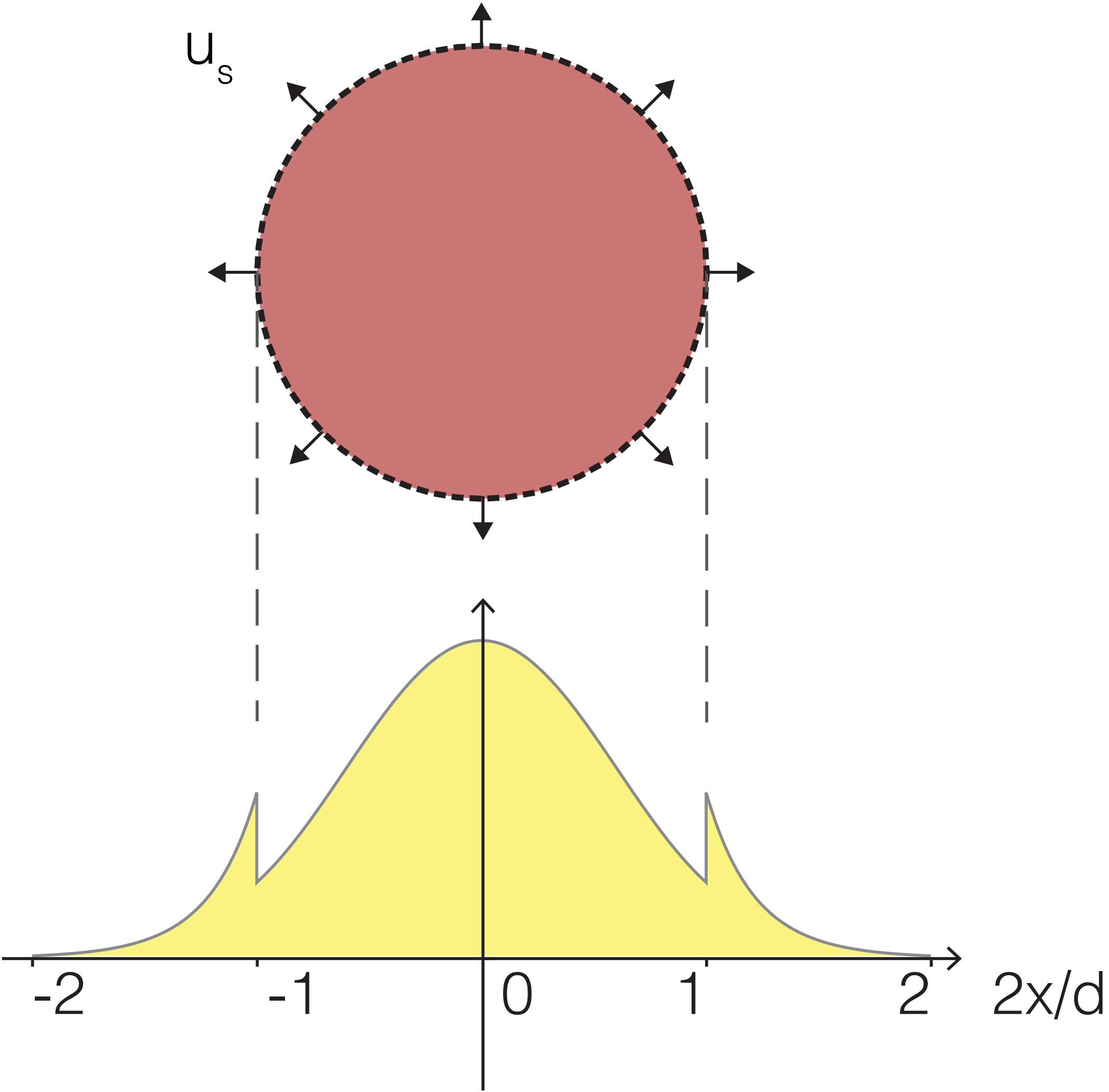
65



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

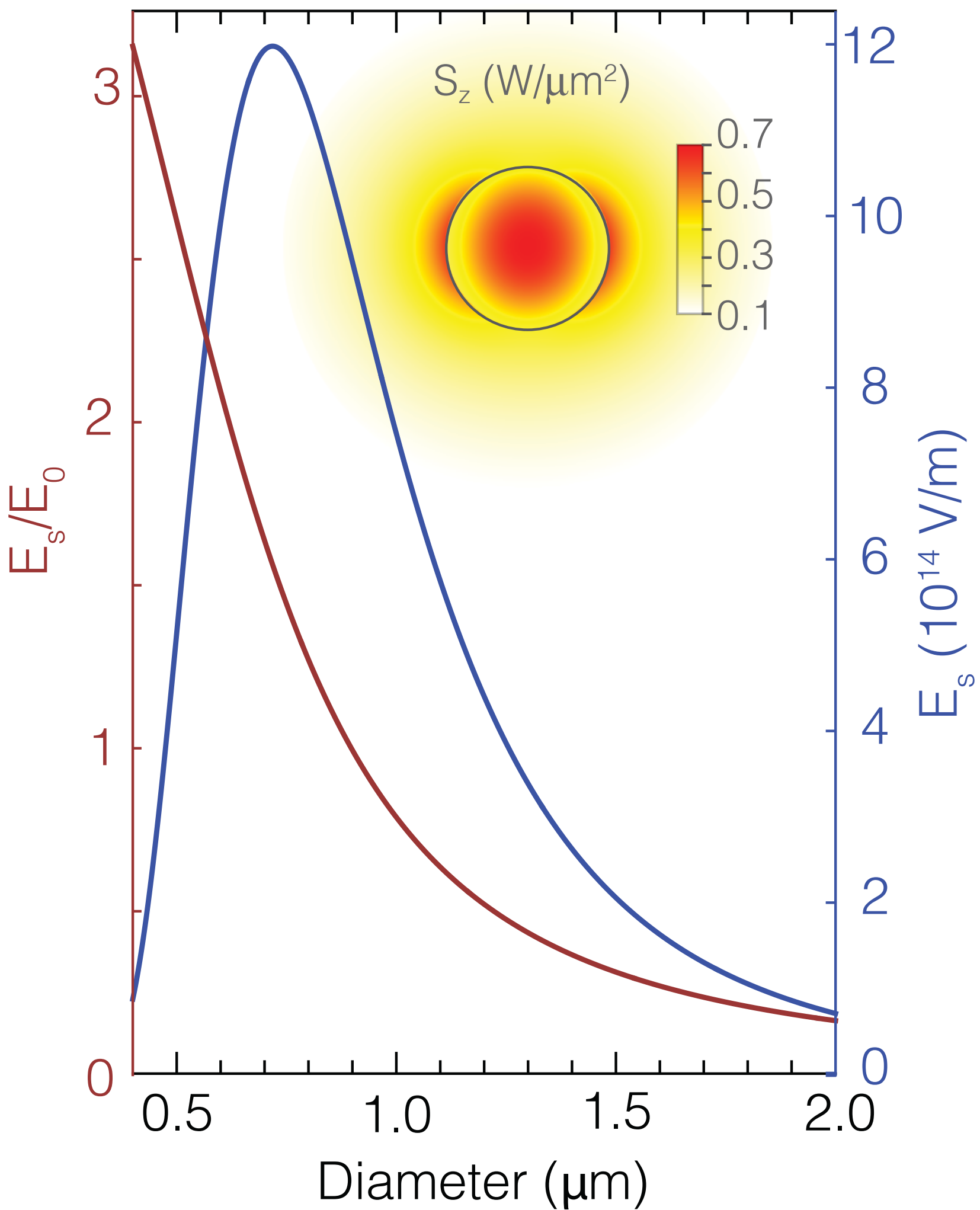




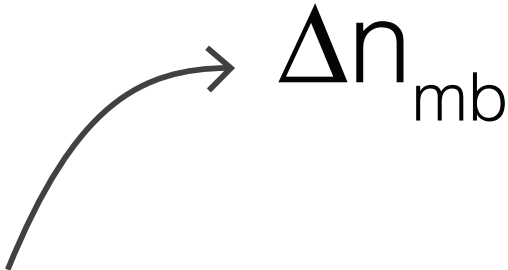


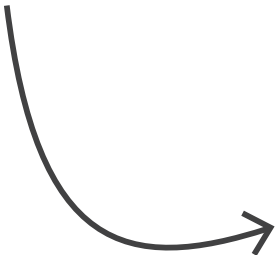






O. Frez et al. 'Brillouin scattering self-correlation,' Nat Comm, vol.7, p.11759, (2016).





$\Delta n_{pe}$

$$A_{nb} = \pi u_s d$$

$$A_{pe} = \pi d^2/4$$







$\Delta n_{\text{pe}} A_{\text{pe}}$ 

---

 $\Delta n_{\text{mb}} A_{\text{mb}}$



6

6