



Photonic Research Center

**Gustavovich**

**Brazili**

University of Campinas

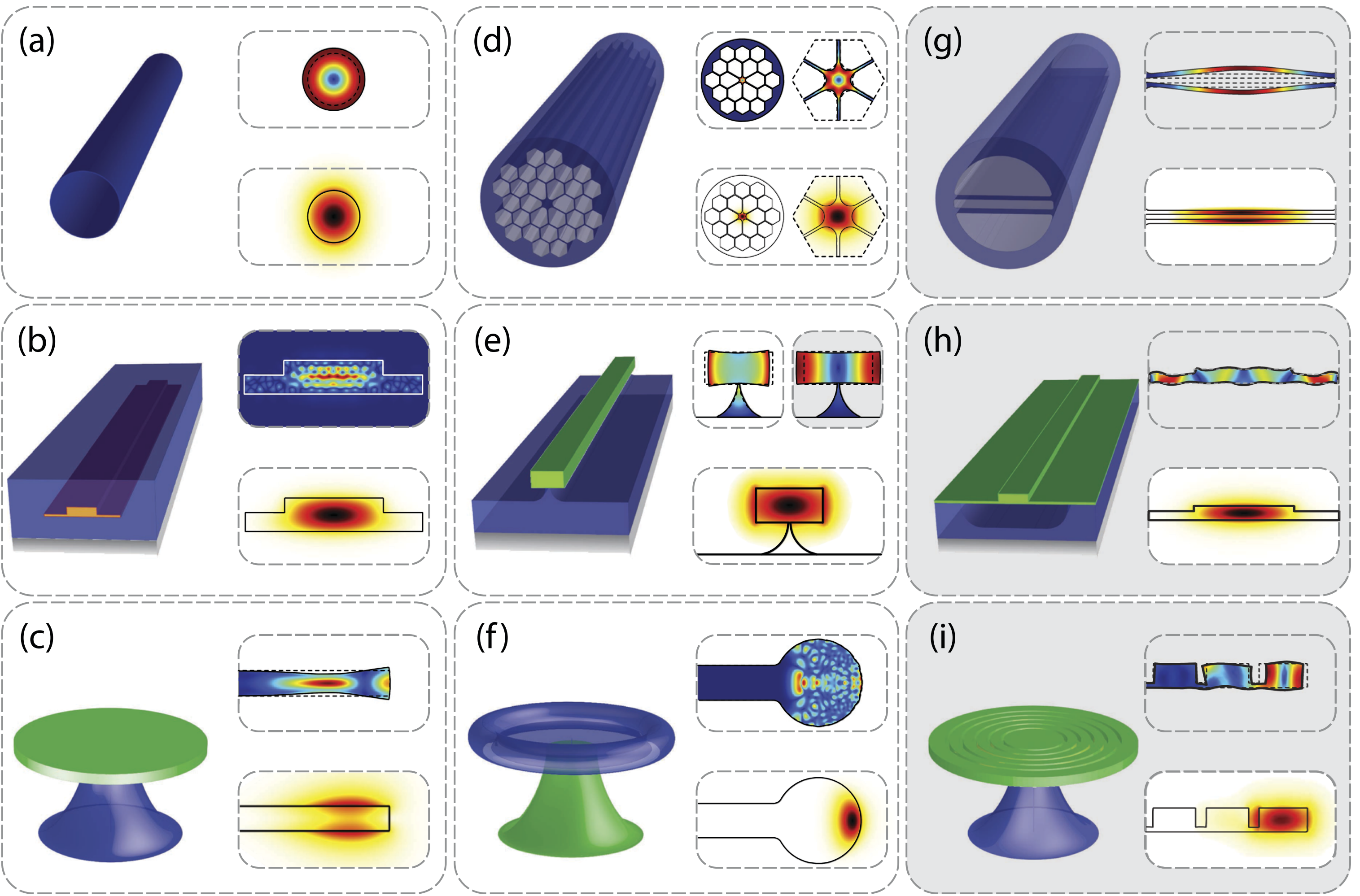
cavities for Brillouin Optomechanics

Harnessing wavelength-scaled waveguides and



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





**Outline**





Wiederherstellen



• Introduction to Bragg Scattering

• Mechanical modes

• Optomechanical cavities



• **Harnessing Brilliant Interaction**

Optical modes

Final remarks

