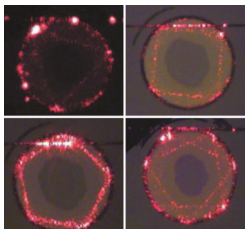

Triangular (top left), square (top right), pentagon (bottom left), and star (bottom right) resonant modes excited by a 632 nm laser in a high quality factor whispering gallery microcavity. [Z. Fang *et al.*, Phys. Rev. Lett. **125**, 173901 (2020)]

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