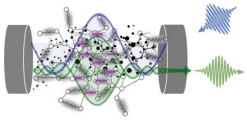

Macroscopic vibrational states of a cavity (bluish purple) are driven via a pump (blue), coupling molecular vibrations (purple) to a cavity polariton BEC (green). [V. Yu. Shishkov *et al.*, Phys. Rev. Lett. **133**, 186903 (2024)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

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