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Cavities for light and sound: a cavity-enhanced platform for quantum acoustics

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**Cavities for light and sound:
A cavity-enhanced platform for quantum acoustics**

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The front cover shows a side view of the open-access optical microcavity. At the top is the plinth that houses the concave micromirror array, and at the bottom is its reflection on the flat GaAs mirror. The rainbow line in the middle is caused by light diffracted from the metal grating of the surface acoustic wave cavity, which is fabricated on the flat GaAs mirror. The back cover shows an optical micrograph of the surface acoustic wave cavity, where the yellow color results from diffraction of white light off the metal grating of the acoustic mirrors.

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