

A stainless-steel tube (left) is filled with liquid rubidium and inserted inside a probe (right) that holds pickup and compensation coils for detecting resonant energy transfers between magnetosonic and Alfvén waves at high pulsed magnetic fields (< 63T). [F. Stefani *et al.*, Phys. Rev. Lett. **127**, 275001 (2021)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

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