



(Left) $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ single crystal disks glued to a Hall sensor chip. (Right) Nanocrystalline vortex solid imaged by magnetic decoration. [M.I. Dolz *et al.*, Phys. Rev. Lett. **115**, 137003 (2015)]

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