

Abstract Submitted
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Experimental Studies on Single Crystal Samples of Spin Liquid Materials TIAN-HENG HAN, University of Chicago, YOUNG LEE, Massachusetts Institute of Technology, JOHN SCHLUETER, Argonne National Laboratory, THOMAS ROSENBAUM, University of Chicago, ERIC ISAACS, Argonne National Laboratory — Frustrated antiferromagnetism on spin lattices with triangular geometries receives increasing attention due to the promise of RVB spin liquids. I will discuss about recent thermodynamic and scattering studies on highly frustrated magnets, such as triangular kappa-(ET)₂Cu₂(CN)₃ and kagome ZnCu₃(OH)₆Cl₂. It was only until recent years that large crystal samples have been successfully grown for leading spin liquid candidates. Latest experimental studies will be introduced.

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