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**Doping and disorder in spin liquids**

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The question of what happens when an unconventional spin state is doped has been a central theme of the field of strongly correlated electrons since Anderson's proposal of doping the RVB liquid state to obtain a high-temperature superconductor. Recently, there has been much progress in constructing models which exhibit topological spin liquid phases, e.g. in Kitaev's models or in spin ice. In this talk, we address the properties of defects in such exotic spin states.