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## **A New Large N approach to the Kondo Lattice.**

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The strange metallic behavior observed to develop near a heavy electron quantum critical point suggests that the competition between the Kondo effect and antiferromagnetism generates a new kind of universality in the vicinity of a quantum phase transition. I shall present a new large N method that we have developed, using the Schwinger boson representation of spins, which contains the essential physics of the Kondo effect and antiferromagnetism at the mean field level. The solutions to the fully screened one and two impurity Kondo model will be presented. One of the fascinating aspects of these kinds of approaches, is the appearance of unconfined holons and spinons. According to this picture, the heavy fermion fluid will contain gapless electrons, and gapped holon and spinon excitations. The holon spinon gap vanishes at the quantum critical point, and the strange metal becomes a fluid of unconfined, holons and spinons. I will discuss some interesting links with the recent discovery of heavy fermion behavior in bilayer helium-3.

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