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**The Current Experimental Status of the High Tc Problem**

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Over 50,000 experimental papers have been published since 1987 on the copper oxide (cuprate) high Tc superconductors. In this talk, I will attempt to summarize the experimental properties that we presently understand and those that we don't yet understand. I will not speculate on the "unknown unknowns", although some examples of these have appeared during the past 30 years of research. I may also present a few slides about the status of iron-based superconductors, the other major class of unconventional high Tc materials.