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Recent Experimental Developments in Heavy Quarkonium

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The study of bound states of a heavy quark and anti-quark continues to be an interesting way to probe QCD and the hadron spectrum. Even more interesting are those states that have masses similar to heavy quarkonium but cannot be interpreted as a bound state of a heavy quark and heavy anti-quark. For example, there have been recent discoveries of new states in the charmonium spectrum that have non-zero electric charge, and therefore cannot be charm anti-charm bound states. In this talk I will present the current experimental status of the spectrum of heavy quarkonium states and their unconventional counterparts. Recent results in heavy quarkonium production will also be discussed.

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