

# Santa Fe Jets and Heavy Flavor Workshop

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## **Production and polarization of heavy quarkonia at collider energies**

Production of heavy quarkonia is arguably one of the most fascinating subjects in strong interaction physics. It offers unique perspectives into the formation of QCD bound states. However, since the discovery of  $J/\psi$  more than 40 years ago, theorists still have not been able to fully understand its production mechanism. In this talk, I will present recent new developments in understanding the production and polarization of heavy quarkonia at collider energies.

**Presenter:** Prof. QIU, Jianwei (Brookhaven National Laboratory)