

Abstract Submitted
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Quarkonium and the Belle II Experiment BRYAN FULSOM, Pacific Northwest National Laboratory — A heavy quark and its anti-quark counterpart bound by the strong force form a well-understood system known as “quarkonium.” The study of this system has experienced a recent renaissance thanks to results mainly from e+e- collider experiments that may include indications of states consisting of four quarks. The Belle II Experiment, now under construction and expected to start in the coming years, will collect at least an order of magnitude more data than the existing B-Factory samples, and can further explore this area. This talk will focus on some experimental results, the upgrade of the Belle Experiment, and opportunities that will be available at Belle II.

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