

Abstract Submitted
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Fun with ultracold few-body systems DOERTE BLUME, Washington State University — Few-body physics has played a pivotal role in quantum mechanics from the very beginning. Prime examples include the helium atom and molecular hydrogen. The realization of ultracold atoms has opened up new avenues for exploring few-body quantum mechanics. Three-body processes, for example, are instrumental in understanding the stability of large ultracold atomic samples. This talk will summarize recent theoretical and experimental ultracold few-body studies. The talk will conclude with a list of open questions.

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