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Abstract for an Invited Paper for the HAW14 Meeting of the American Physical Society

**Role of scalar mesons moving in finite-volume & PW mixing** MICHAEL DORING, George Washington University

As quark masses come closer to their physical values in lattice simulations, finite volume effects dominate the level spectrum. Methods to extract excited mesons from the finite volume will be discussed, like moving frames in the presence of coupled channels. Effective field theory can be used to stabilize the determination of the resonance spectrum.