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Tommaso Cremaschi* (cremach@usc.edu), 3620 S Vermont Ave, Kaprelian hall, Los Angeles, CA 90089. *Volumes and filling collections of multicurves.*

Given a link L in a Seifert-fibered space N over a surface S of negative Euler characteristic such that the fiber-wise projection of L to S is a collection C of closed curves in minimal position, then $N \setminus L$ is hyperbolic if and only if C is filling and $N \setminus L$ is acylindrical. In this talk we will study the case where C is a pair of filling simple closed loops and $N = PT(S)$ is the projectivized tangent bundle and L is the canonical lift of C . We will show that $\text{vol}(N \setminus L)$ is quasi-isometric to the Weil-Petersson distance between the corresponding strata in Teichmüller space. In the more general setting, we show that $\text{vol}(N \setminus L)$ is quasi-isometric to expressions involving distances in the pants graph whenever L is a stratified link. This is joint work with J. A. Rodriguez-Migueles and A. Yarmola. (Received August 07, 2020)