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## RS model effects on $B_s$ CP violation

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In many new physics scenarios, one expects big corrections to the  $B_s$ - $\bar{B}_s$  mixing amplitude. This gives rise to a new CP-violating phase, which tends to suppress the width difference of the heavy and the light meson state, given that there is no large enhancement of the decay amplitude. I will briefly discuss corrections to the mixing- and the decay amplitude for Randall-Sundrum models with a brane-localized Higgs-sector. The implications for observables such as the width difference, the time-dependent asymmetry  $S_{\psi\phi}$ , and the semileptonic CP asymmetry  $A_{SL}^s$ , are investigated.

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