**DMFT** represents excursions from a site into the correlated bath in the form of self-energies for the bath and the impurity. This results in a three-peak DOS of the bath.

## $\frac{\mathsf{DMFT}}{\Sigma_{\mathsf{imp}}}$

## **Our Goal:**

finding an effective Hamiltonian description for the Σ that gives rise to the MIT.

