DMFT represents excursions from a site into the correlated bath in the form of self-energies for the bath and The **extended** the impurity. This results **SIAM** represents these in a three-peak DOS excursions by generating of the bath. interactions J and U_h . These interactions mimick the effect of the impurity and bath **DMFT** extended self-energies as observed impurity SIAM within DMFT. impurity imp zeroth site bath