## LONG RANGE PROTON-MIGRATION IN VUV PHOTOIONIZATION OF ACETONE CLUSTERS

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Infrared spectroscopic investigations of neutral and cationic clusters of acetone reveals proton-migraion for keto-enol tautomerization in their ionization processes. In the reaction, the methyl proton of acetone is transferred to its carbonyl oxygen through the intracluster long range proton-migraion.