Contribution ID: 23 Type: not specified

## Poster: Theoretical investigation of electron transfer reaction rate accelerated by molecules-vacuum field strong coupling

We will discuss the possibility of modulation of interfacial electrochemical reaction rate via polaritonic effect under dark conditions. Based on the previously documented proposal, acceleration of the electron transfer reaction rates are estimated by assuming the coupling strength of molecules at electrified interfaces.

**Presenter:** HAYASHI, Takahiro