

## **Webinar**

# **Attosecond chronoscopy to observe electron motion in molecules and quantum plasmonic systems**

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The advancement of attosecond ( $10^{-18}$  sec) chronoscopy has made it possible to reveal ultrashort time dynamics of photoionization with its natural timescale resolution. In this talk, I shall briefly introduce how an attosecond camera can be built. Then with this camera we will try to see how an electron takes birth from a molecular system or a more complex quantum plasmonic system. This would enable us to probe the exclusive information about the intrinsic molecular environment and the collective electronic behaviour of the plasmonic system.

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***04:00 PM***

