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## **Direct Imaging of Curve-crossing Dynamics in IBr by Attosecond Transient Absorption Spectroscopy**

*Wednesday 3 July 2019 09:00 (15 minutes)*

We perform attosecond transient absorption spectroscopy (8-fs-visible pump, 200-as-XUV probe) to measure nonadiabatic dynamics of iodine monobromide. The results visualize the switching of unoccupied-orbital character from  $\sigma^*$  to  $\pi/\pi^*$  ensuing at the avoided crossing.

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**Session Classification:** Transient absorption and XUV spectroscopy of atoms and molecules