## Photoexcitation probed by TR-NEXAFS

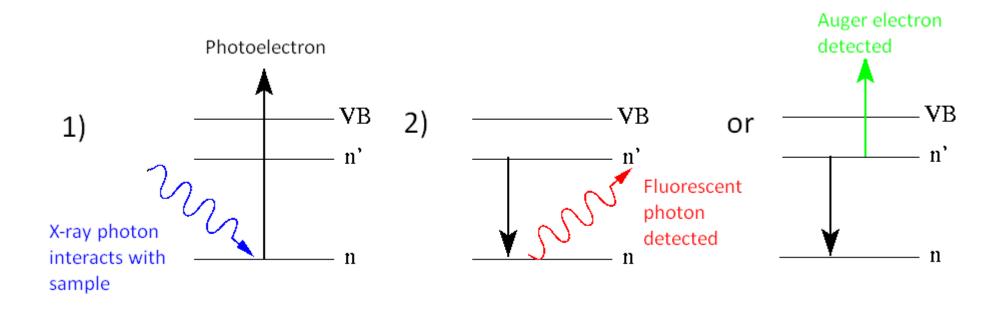
Xuanyuan Jiang

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T.J.A. Wolf, etc., Nat Commun2017; 8: 29

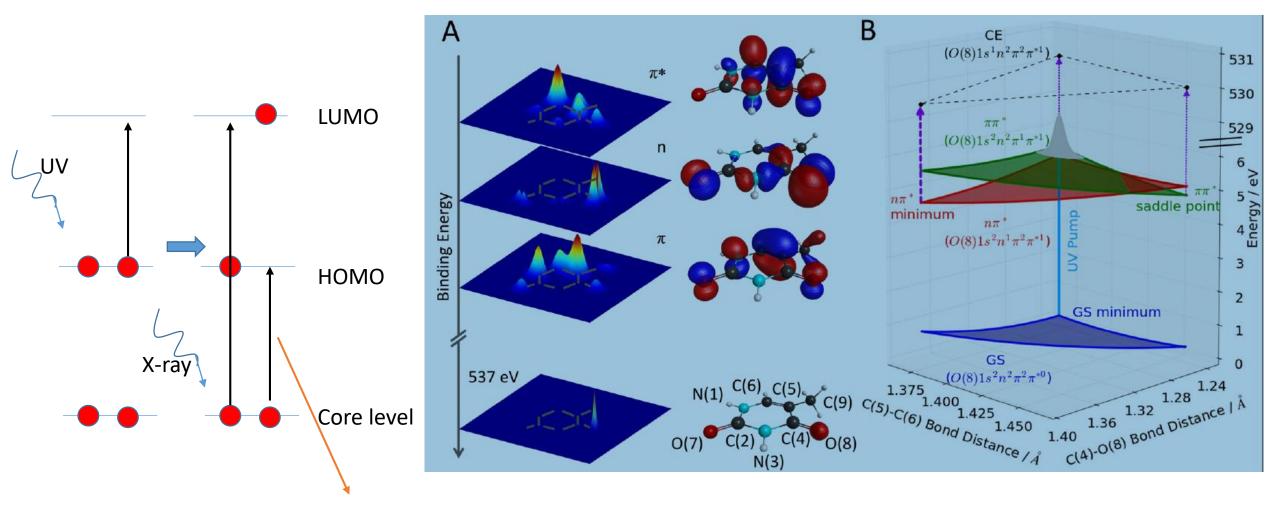
## What is NEXAFS?

**Near edge X-ray absorption fine structure (NEXAFS).** Collect all final states of photoexcited electrons.

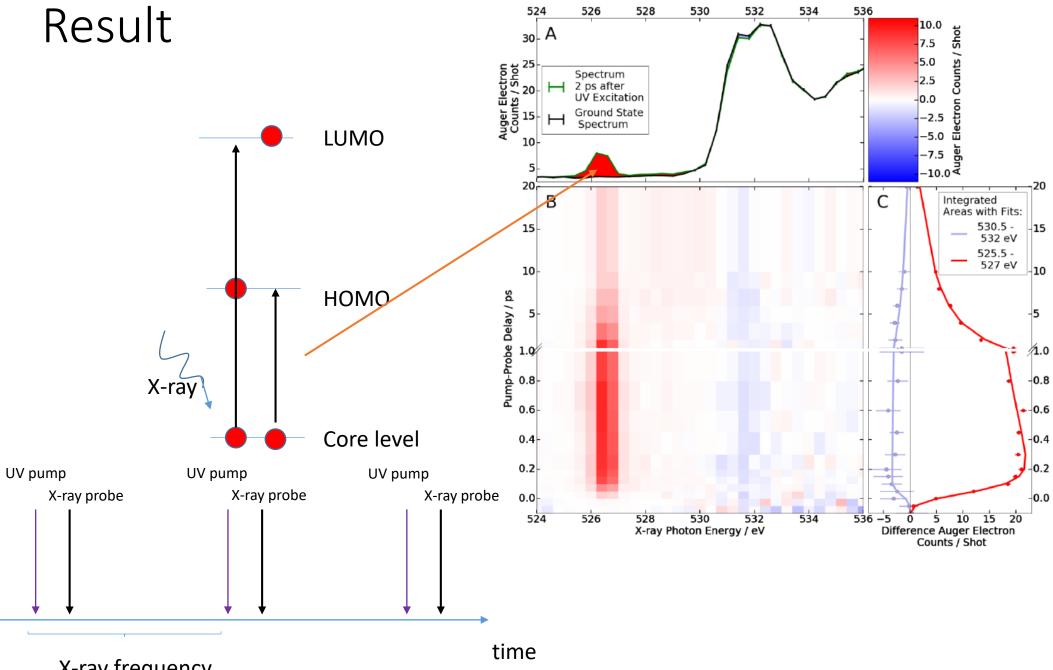


TR-NEXAFS is the time-resolved X-ray absorption, which can monitor the photoexcitation process.

## Example



Extra x-ray absorption channel



X-ray frequency