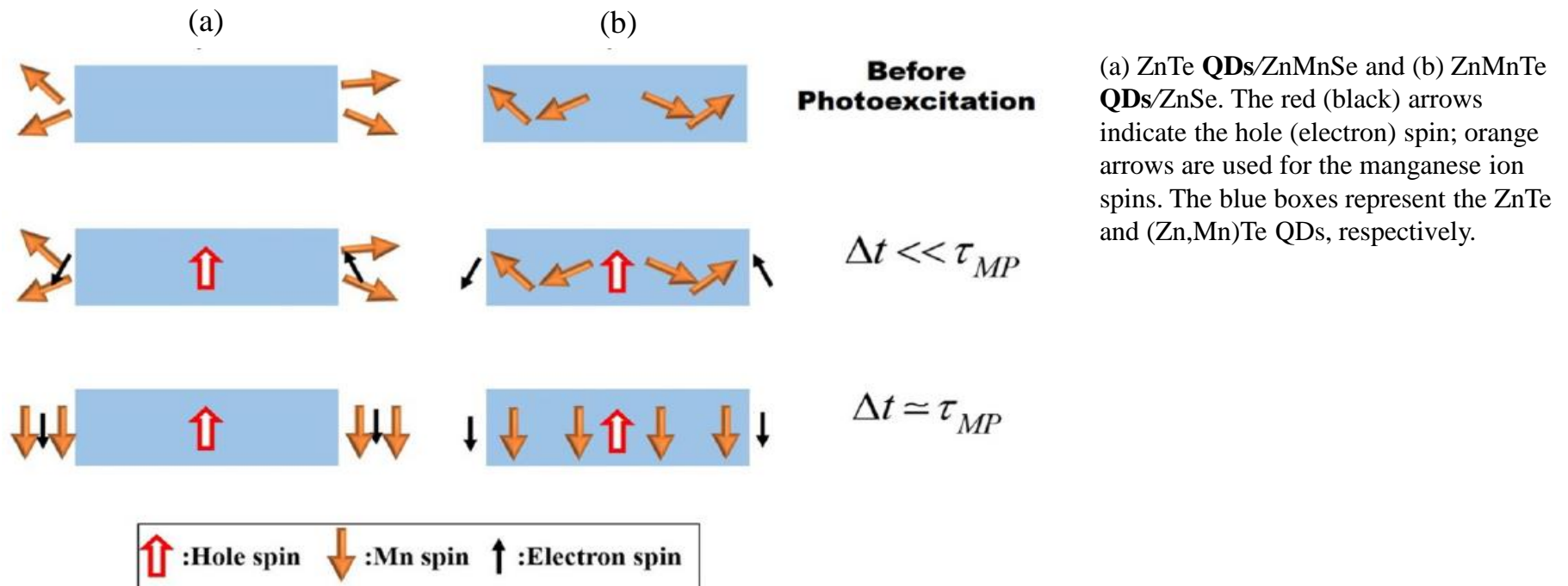


Prof. Wu-Ching Chou / Department of Electrophysics

Time-resolved magneto-photoluminescence studies of magnetic polaron dynamics in type-II quantum dots (QDs)

The time evolution of magnetic polaron formation has been explored in magnetic semiconductor QDs.



(a) ZnTe QDs/ZnMnSe and (b) ZnMnTe QDs/ZnSe. The red (black) arrows indicate the hole (electron) spin; orange arrows are used for the manganese ion spins. The blue boxes represent the ZnTe and (Zn,Mn)Te QDs, respectively.

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