

CBC SEMINAR ANNOUNCEMENT



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ELECTRONS IN REAL TIME

Tracking and controlling motions at the picometer-attosecond scale

Born around the turn of the new millennium, attosecond metrology opened the door for observing atomic-scale electron dynamics in real time. The novel technology is more than an extension of femtosecond technology to a briefer time scale. It is based – for the first time – on the electric force of light for controlling and tracking microscopic motions. The controlled light force is now providing access to electronic motions at the picometer-attosecond scale but reconstructing them in complex systems calls for yet another revolution in ultrafast science.

Date:	20th February 2017 (Monday)
Time:	4:00pm – 5:30pm
Venue:	SPMS MAS Executive Classroom 1
Host:	Asst Professor Loh Zhi Heng