

Sleeping in a society of honey bees: The tale of a sleep-deprived dancer and her unwitting followers, and the search for insect dreams

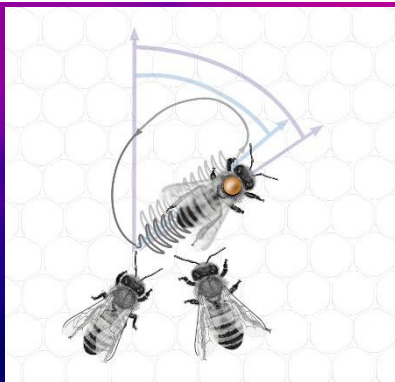
Date 24th Sept (Fri.)

Time 10:00 (UTC+8)

Venue Zoom



You can also email us to require the Zoom link
(check SBS website→NEWS & EVENTS)



Abstract: Foragers of western honey bees (*Apis mellifera*) famously exhibit waggle dances capable of advertising the destination of a food source to nest mates. When restricted of sleep, a forager dances, but the direction component of her dance is less precise. Signaling is only one half of communication, so what about the receivers of the signals—dance followers confronted with relatively imprecise dance signals? A dancer's sleep loss specifically, and mysteriously, plays a role in follower behavior.

We will also leap into a honey bee's brain to consider what it means to process stimuli during sleep... and possibly to dream.



About speaker:

The Pupating Lab is where **Dr. Barrett Klein** studies insect behavior, sleep biology, and explore the ways in which insects have affected humans throughout history. He studied entomology at Cornell University and the University of Arizona, received a Ph.D. at the University of Texas at Austin, fabricated natural history exhibits at the American Museum of Natural History, and joined University of Wisconsin - La Crosse in 2012. He is in the process of writing books about cultural entomology and sleep in nonhuman animals.

All are welcome!