

What do bats see with their sonar?



by James A. Simmons

Department of Neuroscience, Brown University, Rhode Island

Echolocating big brown bats (*ptesicus fuscus*) determine target distance from echo delay and target shape from the echo spectrum, but they convert then spectrum into estimates of the relative distances to different parts of targets. this gives them a fast method for synthetic aperture reconstruction of shape.

Date: Wednesday, 19 Dec 2007

Time: 4 pm

Venue: DBS Conference Rm

Host: Prof Peter Ng



Department of Biological Sciences
Seminar Announcement