



The multisensory basis of nocturnal long-distance navigation in the Australian Bogong moth

Eric Warrant

Lund Vision Group, Department of Biology, University of Lund

Each spring, billions of Bogong moths migrate over 1000 km from all over southeast Australia to a limited number of cool caves in the Australian Alps – a place they have never previously been. To make this incredible journey, we have discovered that Bogong moths rely on the stars and the Earth's magnetic field as compasses to fly in their inherited migratory direction, and a unique odour wafting from the cave that identifies the destination and provides a navigational beacon at the very end of their long journey. In my talk I will describe the experiments that led to these findings.



Friday, April 11th – 13.00 - 14.00
Auditorium F, 1534-125