

**SECTION 12****Behaviour and Neurobiology**

CONVENORS: James W. Truman (USA) and Giovanni Galizia (Germany)

**08 July 2008**

SESSION NO. 2

Symposium Reference No **12.02** **Neurobiology of sensory systems** Room No: MR 21DEF  
 Symposium Organisers: Silke Sachse (Germany) & Mattias Larsson (Sweden)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1627	<b>Gustatory and pheromone perception in Drosophila</b> Authors Tetsuya Miyamoto Jesse Slone Hubert Amrein	Jesse Slone
2	09:30	3019	<b>Evolution of odour coding in moths</b> Authors Sonja Bisch-Knaden Marco Schubert Celine Heintl	Sonja Bisch-Knaden
3	09:45	3187	<b>Trichromatic colour vision and alightment of a psyllid</b> Authors Alan Urban	Alan Urban
4	10:00	2040	<b>IR-sensing in leaf-cutting ants (Atta vollenweideri)</b> Authors Christoph J. Kleineidam Markus Ruchty	Christoph J. Kleineidam
5	10:15	754	<b>Desert ants Cataglyphis use olfactory topographical cues to pinpoint their nest entrance</b> Authors Markus Knaden Kathrin Steck Bill Hansson	Markus Knaden

SESSION NO. 3

Symposium Reference No **12.09** **Tea Break** Room No: Hall 3ABC  
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. 4

Symposium Reference No **12.02** **Neurobiology of sensory systems** Room No: MR 21DEF  
 Symposium Organisers: Silke Sachse (Germany) & Mattias Larsson (Sweden)

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	192	<b>Honeybee learning of complex scents: from behaviour to odorant receptors</b> Authors Judith Reinhard Charles Claudianos Michael Sinclair	Judith Reinhard
7	11:15	1877	<b>Mechanisms of odor information processing: Investigating representations of odor mixtures in the antennal lobe</b> Authors Linda S. Kuebler Shannon B. Olsson Bill S. Hansson	Linda S. Kuebler
8	11:30	515	<b>Concentration and mixture interactions change the nitric oxide production patterns in the antennal lobe of Manduca sexta</b> Authors Alan Nighorn	Alan Nighorn
9	11:45	808	<b>In vivo visualization of odor propagation along the olfactory pathway of the Drosophila brain</b> Authors Andre Fiala Thomas Völler	Andre Fiala
10	12:00	1066	<b>Odor evoked neural oscillations in Drosophila</b> Authors Nobuaki Tanaka Kei Ito Mark Stopfer	Nobuaki Tanaka
11	12:15	3072	<b>Odor representation in Drosophila local neurons</b> Authors C Giovanni Galizia Ana F Silbering	C Giovanni Galizia

SESSION NO. 5

Symposium Reference No **12.018** **Lunch Break & Posters** Room No: Hall 3ABC  
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

08 October 2008