Symposium Program
Programa del Simposio

September 19th

08:00	**Registration** *Inscripción*	
09:00	**Opening** *Apertura*	**Moderator** *Moderador Dr.* **Wolfgang Ritter** **OIE Regional Representation** *Representante Regional OIE* **Dr. Luis Barcos** **Apimondia Authorities** *Autoridades de Apimondia* **Lucas Martínez and Gilles Ratia** **Argentinean Sanitary Authorities** *Autoridades de SENASA*
09:30	**Howard Pharo** New Zealand *Nueva Zelanda*	**The role of science in developing standards for international trade in bees** *El papel de la ciencia en el desarrollo de los estándares para el comercio internacional de abejas*

Nosemosis: Diagnosis, Control and Distribution of Nosema ceranae
Nosemosis: Diagnóstico, Control y Distribución de Nosema cerenae

Chair: Ingemar Fries (Sweden)
Preside: Ingemar Fries (Suecia)

09:50	**Ingemar Fries** Sweden *Suecia*	***Nosema apis* and *Nosema ceranae*** *Nosema apis y Nosema ceranae*
10:10	**Stephen F. Pernal** Canada *Canadá*	**Desinfection and Chemotherapy for *Nosema ceranae*** *Desinfección y quimioterapia para el Nosema ceranae*
10:30	**Coffee Break** *Corte para café*	
11:00	**Ivan Tlak Gajger** Croatia *Croacia*	**Aerosol application of Nozevit for *Nosema ceranae* disease treatment** *Aplicación de Nozevit en aerosol para el tratamiento de Nosema ceranae*
11:20	**Andrzej Bober** Poland *Polonia*	**Presence of *Nosema spp*. infestation in Polish apiaries with colony losses** *Presencia de infestación por Nosema spp en apiarios de Polonia con pérdidas de colmenas*
11:40	**Hossein Yeganehrad** Canada *Canadá*	**How the Cause of Diarrhea and Constipation can be identified honeybees** *Cómo puede ser identificada la causa de la diarrea y la constipación en abejas*
12:00	**General Discussion** *Debate general*	
12:30	**Lunch** *Almuerzo*	

American and European Foulbrood: Diagnosis and Control
Loque Americana y Loque Europea: Diagnóstico y Control

Chair: Adriana Allipi (Argentina)
Preside: Adriana Allipi (Argentina)

13:30	**Adriana Allipi** Argentina *Argentina*	**American and European Foulbrood** *Loque Americana y Loque Europea*
13:50	**El-Niweiri** Sudan *Sudán*	**African foul brood disease? Distribution and diagnosis** *¿Loque Africana? Distribución y Diagnóstico*
14:10	**S. Krainer** Austria *Austria*	**Extracts of Hypericum: A new approach to treat American Foulbrood** *Extractos de Hypericum: Un nuevo enfoque para tratar Loque Americana*
14:30	**Hossein Yeganehrad** Canada *Canadá*	**The Effect of Protein Consumption on KBV and EFB** *El efecto del consumo de proteínas en KBV y EFB*
14:50	**V. Grangier** Switzerland *Suiza*	**Early detection of European Foulbrood using real-time PCR** *Detección temprana de Loque Europea mediante la utilización de PCR en tiempo real*
15:10	**General Discussion** *Debate general*	
15:30	**Coffee Break** *Corte para café*	

Small Hive Beetle: Biology and control
Pequeño escarabajo de las colmenas: Biología y control

Chair: Peter Neumann (Switzerland)
Preside: Peter Neuman (Suiza)

16:00	**Peter Neumann** Switzerland *Suiza*	**Small Hive Beetle Biology and control** *Pequeño escarabajo de las colmenas: Biología y control*
16:20	**E. Villalobos** Hawaii *Hawaii*	**New clues about the success of *Aethina tumida* in Hawaii** *Nuevos indicios acerca del éxito de Aethina tumida en Hawaii*
16:40	**S.M.A. Pires** Portugal *Portugal*	**Prevalence and geographical distribution of *Senotainia tricuspis* (*Meigen*)** *Prevalencia y Distribución Geográfica de Senotainia tricuspis (Meigen)*
17:00	**Gal Yarden** Israel *Israel*	**Remebee: Effective RNAi protection from pathogenic diseases in Honey Bees** *Remebee: Efectiva protección a partir del ARN de agentes patógenos de las enfermedades de las abejas*
17:20	**Sona Dubna** Czech Republic *República Checa*	**Probiotics in prevention of honeybee diseases** *Probióticos para la prevención de enfermedades de las abejas*
17:40	**Renata Fernández** Brazil *Brasil*	**Nutritional and temporal effect under hypopharyngeal glands in *Apis Mellifera Hymenoptera*, *Apidae africanized*** *Efecto nutricional y temporal en las glándulas hipofaríngeas de Apis mellifera Hymenoptera, Apidae africanizadas*
18:00	**General Discussion** *Debate general*	
19:30	**Dinner at Puerto Madero** *Cena en Puerto Madero*	

Title: (12 p Arial)

Prevalence and geographical distribution of Senotainia tricuspis (Meigen)...

Author: (9 pt Arial)

Pires, S.M.A., Cadavez, V., Maria José Valério, M. J.

Abstract: (Your abstract must use 10pt Arial, single space and must not be longer than this box)

The aim of this work was to survey the prevalence of Senotainia sp. (Diptera, Sarcophagidae) in several Portuguese regions. A total of 61182 bees were sampled from 1912 Portuguese apiaries, distributed in several regions of Portugal and were analyzed for Senotainia sp prevalence. The bees samples were collected during 2009 and the thoraxes of 40 bees taken from each sample were examined individually in Reference National Laboratory (LNIV) and Bee Pathology Laboratory of Agrarian School of Braganza (LPESAB) to look for diptera larvae (myiasis) parasitization. One hundred and ninety five positive samples were found, although honeybee infestations reached a low rate of prevalence (10.2%). This study shows that the flies were distributed throughout all Portuguese regions, although the Azores region presented the lowest rate of prevalence (2.1%). Considering the month effect, the higher prevalence was found at July (30% of positive samples) and at September (31% of positive samples).

Key words: Apimyasis / parasitism / Senotainia sp / Apis mellifera L / Portugal