Programme

Monday, July 1st

16:00 Registration – Agora
19:00 Welcome Cocktail – Cloister of Agora

Tuesday, July 2nd

WELCOME AND OPENING ADDRESS (09:00 – 10:00) - Auditorium Conference Center

09:00 Opening Address – INRA Bordeaux-Aquitaine and MycSA research activities presentation
INRA Bordeaux-Aquitaine President representative: Jean-Michel Savoie

09:20 Presentation of IOBC-IPSP Working Group activities and IPSP previous meetings
Phyllis Weintraub (IOBC Liaison Officer) & Christos Athanassiou (IPSP WG Convenor)

09:40 Opening of 9th Conference on Integrated Protection of Stored Products
Francis Fleurat-Lessard

SESSION 1 - RECENT ADVANCES IN IPSP AND CURRENT TRENDS IN POST-HARVEST IPM (10:00 – 12:40)
Auditorium
Chairpersons: Phyllis Weintraub (Israel) and Maria Otilia Carvalho (Portugal)

10:00 Recent Advances and Future Directions in Integrated Stored-Product Insect Management Programs for the Food Industry
Jim Campbell (USA) Invited speaker

10:30 Metal silo has been turned into safe keeping grain facility)
Gennady Zakladnoy (Russia)
10:50  Carifend™: an alternative method to protect stored tobacco, demonstrated by laboratory trials and semi-commercial test systems under diverse climatic conditions  Erich Birner (Germany)

11:10  Break (Cloister)

11:40  Field efficacy of Beauveria bassiana, diatomaceous earth and Imidacloprid against two major stored grain insect pests  Waqas Wakil (Pakistan)

12:00  Facilitating safe fumigation with QuickPHlo-R phosphine generators – Pushpaksen Asher (India)

12:20  Does hermetic grain storage make sense in Central Europa?  Cornel S. Adler (Germany)

12:40  Lunch and poster viewing (Cloister)

SESSION 2 - STORED-PRODUCT PESTS AND PATHOGENS BIOLOGY AND ECOLOGY IN RELATION WITH IPSP (14:00 – 17:20)
Auditorium
Chairpersons: George Opit (USA) and Christos Athanassiou (Greece)

14:00  Tools for detecting pest contamination in stored raw materials  Jordi Riudavets (Spain)
Invited speaker

14:30  Corks damaged by Nemapogon granellus (L.) in Tuscan wine  Pasquale Trematerra (Italy)

14:50  Stored-product insects and their natural enemies in Germany: a species  Matthias Schöller (Germany)

15:10  Light filth tests on semolina and pasta  Lidia Limonta (Italy)

15:30  Insecticidal effect of freezing on different life stages of various stored-product insect species  Christos G. Athanassiou (Greece)

15:50  Break (Cloister)

16:20  Ten years of food complaints about cereals and by-products  Sara Savoldelli (Italy)

16:40  Populations grow of cigarette beetle on stored tobacco under temperate and tropical conditions  Maria Otilia Carvalho (Portugal)

17:00  Sampling adults of stored-product beetles: Detection and mean retention efficiency of cracked corn and food mixture baits  Bhadriraju Subramanyam (USA)
SESSION 3 - UTILIZATION OF PHYTOCHEMICALS AND SEMIO-CHEMICALS IN STORED PRODUCT
IPM (17:30 – 19:00)
Auditorium

Chairpersons: Catherine Regnault-Roger (France) and Ali A. Isikber (Turkey)

17:30  Phytochemicals and semio-chemicals use in IPSP programs  Azefack Léon Tapondjou (Cameroon)
        (Invited speaker)

18:00  Suppression of Plodia interpunctella moth populations by mating disruption in wheat warehouses in Israel  Moshé Kostyukovsky (Israel)

18:20  Sitophilus oryzae mass-trapping in wheat bulks with high-density probe- and PC-traps baited with sitophilure and/or attractive oil and its impact on population dynamics: a pilot-scale study  Francis Fleurat-Lessard (France)

18:40  Effect of drying regime on the insecticidal efficacy of Cameroonian neem seed oil against Sitophilus zeamais  Haman K. Tofel (Germany)

Wednesday, July 3rd

08:30 – 12:15  Two parallel sessions (3 & 5)

SESSION 3 - UTILIZATION OF PHYTOCHEMICALS AND SEMIO-CHEMICALS IN STORED PRODUCT
IPM - Continue (08:30 – 12:00)
Auditorium
Chairpersons: Catherine Regnault-Roger (France) and Ali A. Isikber (Turkey)

08:40  Insecticidal formulation based on Ocimum gratissimum essential oil and montmorillonite clays for maize protection  Pasquale Chalier (France)

09:00  (Re-)discovering cucujolides – Infochemicals for Oryzaephilus surinamensis and Cephalonomia tarsalis with potential for biological control  Jana Collatz (Switzerland)

09:20  Screening of plant extracts as repellent against Stored-product insects  Guruprasad B.R. (India)

09:40  The utilization of saturated atmospheres from Syzygium aromaticum and Mentha pullegium essential oils against rice fungi  Ana Magro (Portugal)
Comparative insecticidal efficacy in the Sudano-Guinean versus Sudano-Sahelian agro-ecological zones of Cameroon of FossilShield and NeemPro against *Sitophilus zeamais* on maize in storage

Christos G. Athanassiou (Greece)

Mating disruption of stored product *Pyralidae*: results from large-scale trials in Europe

Paul G. Fields (Canada)

Small bin trial of pea extract mixed with pyrethrins to control stored-product insects

Stefanos S. Andreadis (Greece)

Supercooling capacity of the endoparasitoid *Venturia canescens* (Hymenoptera: Ichneumonidae)

**SESSION 5 - CHEMICAL CONTROL IN STORED PRODUCT IPM PROGRAMS (08:30 – 12:15)**

Room “Bardane”

*Chairpersons: Shlomo Navarro (Israel) and Yann Ciesla (France)*

Chemical Control in Stored Products

Frank H. Arthur (USA)

Relative importance of fumigation in integrated management of stored-grain insect pests in some EU countries

Patrick Ducom (France)

Phosphine fumigation of sunflower seeds: efficacy on insect pests and phosphine residues in seeds

Sylvie Dauguet (France)

Physical and chemical control agent thresholds for action on storage insects

Chris H. Bell (UK)

Phosphine Generator SGF-M2 and fumigation technologies with its use

Alexander Zrely (Russia)

Improved Speedbox as an effective instrument for phosphine fumigation

Moshé Kostyukovsky (Israel)

Influence of egg morphology on ovicidal efficacy of fumigants

George P. Opit (USA)

Effect of Deltamethrin and Spinosad on phosphine resistant strains in comparison with laboratory strains of four stored product pest species – Gabriele Flingelli (Germany)

Gabriele Flingelli (Germany)

Lunch and poster viewing
SOCIAL EVENT: ARCHITECTURE, WINE AND DINNER (14:00 – 23:00)

14:00  Free visit of the 18th century architectural treasure in Bordeaux, monuments and museums ...

17:30  Departure for Chateau Couhins, the vine domain of INRA. (Appointement : place des Quinconces, Bordeaux)
       Visit of the vine yard and the cellar.
       Wine tasting

19:30  Gala dinner

23:00  Return to Bordeaux, Place des Quinconces

Thursday, July 4th

SESSION 4 - NON-CHEMICAL CONTROL OF PESTS AND PATHOGENS AT THE POST-HARVEST STAGES (PHYSICAL, BIOLOGICAL, BIO-TECHNICAL ...) (08:30 – 12:00)

Auditorium
Chairpersons: Cornel Adler (Germany) and Matthias Schöller (Germany)

08:40  Non-chemical control in stored grain and other durables  
       Cornel Adler (Germany)  
       Invited speaker

09:10  Mortality of *Carpophilus hemipterus* eggs and larvae under the influence of thermal disinfestation  
       Shlomo Navarro (Israel)

09:30  The use of the parasitoid *Anisopteromalus calandrae* for the control of the weevils *Sitophilus zeamais* and *Rhyzopertha dominica* in rice  
       Mireia Solà Cassi (Spain)

09:50  Legume entomotoxic type 1 albumins: Promising candidates for the protection of stored cereals  
       Lamis Karaki (France)

10:10  Efficacy of biofumigation in stored product pest management: a case study with *Callosobruchus maculatus* F. (Coleoptera: Bruchidae)  
       Smaragdi Papadopoulou (Greece)

10:30  Break (Cloister)

11:00  Development of climatic mapping and self-diagnosis software to enhance stored-grain cooling aeration system performance  
       Etienne Losser (France)

11:20  Efficacy of diatomaceous earth against the rice weevil *Sitophilus oryzae* L. after a preventive treatment of wheat  
       Yann Ciesla (France)
Efficacy of some microbial control agents and inorganic insecticides against red flour beetle and confused flour beetle  

Magda Sabbour (Egypt)

Lunch and poster viewing (Cloister)

SESSION 5 - CHEMICAL CONTROL IN STORED PRODUCT IPM PROGRAMS - Continue (13:50 - 15:10)

Auditorium

Chairpersons: Shlomo Navarro (Israel) and Yann Ciesla (France)

13:50 Improving phosphine fumigation by sealing and using a closed loop system  
Edmond L. Bonjour (USA)

14:10 Residual toxicity of spinetoram on various surfaces to adult Acanthoscelides obtectus Say (Coleoptera: Bruchidae)  
Ali Arda Isikber (Turkey)

14:30 Phosphine resistance in the Indian meal moth infesting stored dates in Tunisia  
Jouda Mediouni (Tunisia)

14:50 Efficacy of β-cyfluthrin and chlorpyrifos-methyl plus deltamethrin applied to concrete surfaces against field strains of three stored-product insect species  
Bhadriraju Subramanyam (USA)

15:10 Break (Cloister)

SESSION 6 - IPSP DECISION SUPPORT TOOLS AND INTEGRATED APPROACH (15:40 - 16:50)

Auditorium

Chairpersons: Bhadriraju Subramanyam (USA) and Francis Fleurat-Lessard (France)

15:40 Aspects related to decision support tools and IPM in food chain – Pasquale Trematerra (Italy)  
Pasquale Trematerra (Italy)  
Invited speaker

16:10 Technical and economic analysis of pest management practices for stored wheat in 14 grain elevators in France  
Katell Crépon (France)

16:30 Influence of grain storage practices or kind of structure and pesticide use on insect presence in wheat bulks after a long-term storage: a multi-dimensional analysis  
Francis Fleurat-Lessard (France)

16:50 – 17:15 Closing Ceremony  
Christos Athanassiou & Francis Fleurat-Lessard