

12th EVPMC September 9 – 13, 2019.

Preliminary Conference Program

Monday September 9th.

from 08.00 : Reception and registration of participants

10.00 : Welcome speeches

10.30 : Plenary invited conference : Professor Herwig LEIRS, University of Antwerp.

11.30

Session 1. "EVPMC, you said pest ?"

- Jean Jacques Wunenburger : Underlying philosophical principles.
- Rémi Luglia : "Pest" Historical evolution of the concept"
- Marta Lopez-Darias [et al.] Social perception of invasive cats: learning from an inhabited islet.

14.30 : Continuation of the Session 1

- Yves Michelin : Social perception of water voles.
- Romain Dureau : Economic costs related to the outbreak of voles in the meadows.

Session 2 : Invasive species management

- Michael Marlow [et al.] : USDA/APHIS/WS' National Feral Swine Damage Management Program: National Strategy 2014-2018.
- Coralie Herbst [et al.] : Wild boar management in Baden-Württemberg, Germany in front of a potential ASF outbreak
- Shahid Hafeez [et al.]. Preliminary observations on breeding biology of wild boar In the area of Islamabad, PAKISTAN.
- Marta Lopez-Darias [et al.] : Increasing capture efficiency to combat the invasion of Californian kingsnakes in Gran Canaria,
- Zbigniew Borowski : Nonlinear relationship between deer density and their pressure on forest ecosystem.
- Suzanne Richardson [et al.] : The Adaptive Management of British Deer.
- Boguslaw Bobek : Population density of wild boar (*Sus scrofa*) and farmland damage in the southwestern Poland, present trend and future perspectives.

Tuesday, September 10th.

09.00

Session 3 : Human/animal conflicts.

- Vincent Long. Wolf : The wolf and the sheep farmers in the south of France.
- Farid Benhammou : title to be defined
- Lisa Märck. The Wolf as an Agent: Using Animal Agency Theories to Boost Societal Acceptance of Wolf Management.
- Chris Jones [et al.] : From smarter models to stinky mustelids: research to underpin landscape-scale predator eradication in New Zealand.
- Hecate Vergopoulos. How Did Rats Become Infamous Animals.

Session 4 : Innovative tools for pest management.

- Virginie Lattard : Stereochemistry as a way to reduce the ecotoxicity of VKA.

14.30 Continuation session 4.

- Katherine Horak. The promise of species specific pesticides using gene silencing technology
- Kristoff Michelle : Is Darwin's natural selection theory at it again - selecting resistant rats to win the challenge of survival?
- Huysentruyt Frank : Exploring the broad scale use of mechanical trap types in brown rat management.
- Olaniran Oladele Abiodun : Histopathological effects of a biorodenticide, Ricin communis extract on adult wistar rats.
- Pinkham Rebecca : Developing and delivering oral contraceptives for grey squirrels.
- Charles Eason : Re-development of the rat specific toxin norbormide
- Beatham Sarah : Novel methods to assess bait uptake patterns and densities of small mammals for wildlife management.
- Mathieu Keller : The role of olfaction communication in the reproduction of the vole *Arvicola terrestris*.

18.00

Reflexions on the organization of European research programs. Meeting rooms will be available.

Wednesday, September 11th.

09.00

Session 5 : Populations

- Michael Kohn : title to define
- Below Diana : The effect of habitat connectivity on recolonization of forest fragments with rodents.
- Mickael Sage [et al.]. Rodent trapping as a complementary method to the chemical control to fight zoonotic diseases: A case study of Lassa fever in Upper Guinea.,
- Matala Juho : Moose population density and forest resources in explaining browsing damages in seedling stands ?regional analysis based on Finnish National Forest Inventory data and moose population.
- JanSadowski : Project AmphiMove: Habitat selection of common toads (Bufo bufo) in a intensively used agricultural landscape.
- Adrien Pinot : Dynamics of water voles populations.
- Etienne Ramadier : title to define
- Yves Michelin : title to define

14.30

Session 6 : Resistance to rodenticides

- Etienne Benoit : Different tools to study the resistance to rodenticide
- Hansen Sabine : Project ResRaMa: Management of resistant brown rats (*Rattus norvegicus*) - Monitoring and strategy development for the prevention of rodent-transmitted diseases
- Rami Abi Khalil : Rat resistance to rodenticides in Martinique, an island of the French West Indies.
- Jean Valery Deboux : Biological cost of the target resistance to VKA.
- Stefan Endepols : RRAC Resistance mapping.
- Alexandra Esther : VKORC1 polymorphisms in Mustelidae
- Abdessalem Hammed : Influence of successive rodenticides treatment on susceptibility of *Mastomys*

16.30 : Visit the city of Clermont Ferrand

20.30 : Gala dinner

Thursday, September the 12th

9.00

Session 7 : Ecotoxicity of pest management tools.

- Barnett Rattner : Hazard and Risk of Anticoagulant Rodenticide Exposure to Non-target Wildlife: A Global Issue.
- Bernd Walther [et al.]: Baiting strategy affects anticoagulant rodenticide exposure of non-target small mammals,
- Isabelle Fourel [et al.] Endemic raptor in the Reunion Island: stereochemistry can help to reduce anticoagulant rodenticides second exposure
- Christian Imholt [et al.]Toxico-kinetics of fungicides in common voles as a basis for risk assessment in plant protection,
- Meg Anne Moriceau [et al.] : Chlorophacinone exposure in milking ewes – residues in milk and human health issues.

Session 8 : Regulatory Issue

- Charles Eason [et al.] : Maintaining and advancing new registrations,
- Thomas Chetot [et al.] : Reprotoxicity of warfarin but what is it for other anticoagulant?
- S Lefebvre [et al.] : title to define

14.30

Session 9 : Infectious Risks

- Florence Ayrat : Zoonoses whose rodents are the reservoirs
- Moussa Douno [et al.] : Human animal disease interface in a Lassa fever endemic area in Upper Guinea,
- Emma Cartuyvels [et al.] : The role of muskrats in the spread of Echinococcus multilocularis in Flanders, Belgium.
- A Desvars-Larrive [et al.] : Urban brown rats (*Rattus norvegicus*) as possible source of multidrug-resistant Enterobacteriaceae and methicillin-resistant Staphylococcus spp.
- Zorée Djelouadji [et al.] : comparison of leptospires carriage in arvicola terrestris in two french regions
- Agnès Benamou-Smith and Marine Hugonnard : Health consequences of Invasive species for sensitive domestic animals

17.30 Reflexions on the organization of European research programs. Meeting rooms will be available.



Friday 13th, september

Visit of the Clermont-Ferrand region.

The Gallo-Roman remains of Corent or how, 2000 years ago, one tried to protect its crops against rodents.



Visit the city of Saint Nectaire and tasting of its famous cheeses.



Visit the lake Pavin and meet professionals of the management of voles.

