

# INFORMATION FACTSHEET

## What:

a symposium around the theme  
**"Behavioural biology meets society:  
from pure to applied ethology in pest management**

## When & Where:

Essen, Germany, the 20-22 July 2012,  
during the  
**Vith EUROPEAN CONFERENCE ON  
BEHAVIOURAL BIOLOGY- ECBB  
2012**

## What can you do:

If you have data and ideas  
about the relevance of  
ethology in pest management  
submit an **abstract** for a  
**talk/poster**

## Why:

**Behavioural biology** is often considered as a rather basic research field, whose main topics are of relatively little or no **impact** on society. However, the role played by ethology in **solving many practical issues** is well represented by the contributions it provides to many applied research fields, from animal conservation to animal welfare. One of the fields in which basic ethology turned out to be of **overwhelming importance** is the **management of agriculture and forest pest species**, whose costs to society reach about hundreds of billions of euros per year worldwide. After several decades of pesticide-based management, the present day trend is to shift towards more **environmental friendly control approaches**. The knowledge of **pest species' behaviour** thus revealed to be fundamental in order to develop sustainable control methods based on the exploitation of pest species' behavioural features.

This symposium will emphasize the tight interconnection between **basic** and **applied ethology**, by showing how the know-how acquired through pure ethological investigation can be transferred to applied research and used for the control of species that are noxious to plants or animals. Researchers studying different model organisms will highlight how the knowledge of pest species' communication systems, mating systems, social behaviour etc. can be **exploited to fight pests**. The aim is to highlight the deep impact that behavioural biology has in our everyday life, exemplifying how basic research can help in solving present day challenges to human societies.

## How to know more:

More detailed information (symposium program, abstract submission deadline etc.) can be found at <http://ethopest.altervista.org> and on [www.ecbb2012.org](http://www.ecbb2012.org).

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**EARLY BIRD  
REGISTRATION  
until April, 30**

**ABSTRACT  
SUBMISSION  
until 31, May**