

# Ahmed Belguermi



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## Research Interests

### **Conflicts and cooperation at the time of the search for food in the domestic canary (*serinus canaria*) and the pigeon (*columbia livia*): how to benefit as well from information?**

Sociality has both costs and benefits, in particular concerning the search for food. Animals can enter in conflict but they can also choose to cooperate with their conspecifics in this search for food. Both strategies can coexist in the same species, and are frequently observed in birds. During my thesis, I study these strategies and the factors that influence an individual to choose one strategy or the other in two species of birds: canaries (*Serinus canaria*), tested in the laboratory for a better control of the parameters, and pigeons (*Columbia livia*), tested in the field to have a more complete and naturalist vision of the processes involved. This second species was also selected in the hope of bringing solutions to the problems arising from pigeons in cities.

## O r a l c o m m u n i c a t i o n

Belguermi A., Leboucher G. & Bovet D., 2008. Stratégies de fourragement et utilisation de l'information sociale dans la recherche de nourriture chez le pigeon biset (Étude réalisée au Jardin des Plantes et à la Ménagerie), Journée de restitution publique de la première phase du programme « le pigeon en ville », Paris, France.

## P o s t e r s

Belguermi A., Leboucher G. & Bovet D., 2007. Utilisation de l'information publique dans la recherche de nourriture chez le canari domestique (*Serinus canaria*) , Colloque de la Société Française pour l'Etude du Comportement Animal (SFECA), Paris, France.

Belguermi A., Leboucher G. & Bovet D., 2007. Utilisation de l'information publique dans la recherche de nourriture chez le canari domestique (*Serinus canaria*) , Forum des Sciences Cognitives, Paris, France.

Belguermi A., Leboucher G. & Bovet D., 2008. Foraging strategy and the use of social informations in the search for food in domestic canary (*Serinus canaria*) and urban pigeons (*Columba livia*), 4th European Conference on Behavioural Biology , Dijon, France.

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