



PARIS
LODRON
UNIVERSITÄT
SALZBURG

Umwelt &
Biodiversität

SEMINAR SERIES ENVIRONMENT & BIODIVERSITY



Guest Lecture

Dr. Leopold Slotta-Bachmayr

Paris Lodron University of Salzburg

Department Environment & Biodiversity

Host: Univ.-Prof. Dr. Ulrike Gabriele Berninger

Limitations of person detection dogs

Person detection dogs follow the individual scent of a person. This unique scent bouquet is formed by volatile components as well as particles of the human skin. There are a bunch of reports and stories about the ability of this dogs but only a hand full scientific studies about this topic. The main question is, about what time span dogs are able to identify, find and follow human scent in an urban environment. Therefore, we investigated together with the Austrian and Bavarian police the possibility of person tracking dogs to identify humans by aged scent samples in the lab as well as in reality by laying trails along crossing with an age between one and 64 weeks. We also compared the efficiency of dogs trained differently to follow human tracks.

Friday, June 2, 2 Pm

Lecture Hall 414, NLW-Faculty



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