

Bochum 19.06.2019

BRAIN CAFÉ talk at the Ruhr University

How Pigeons help us to understand a complex learning behaviour: Extinction learning
Dr. rer. nat. Roland Pusch explain how the brain overwrites old memories with new ones

On June 26th, Collaborative Research Centre 874 hosts the last BRAIN CAFÉ before the summer break. The lecture series, which highlights neuroscientific research for non-scientists, will focus on the relearning of memories. The talk of Dr. rer. nat. Roland Pusch of the Faculty for Psychology at Ruhr-Universität Bochum is entitled: “How Pigeons help us to understand a complex learning behaviour: Extinction learning”. The talk will begin at 6 p.m. in the University Library at the RUB (Room 9, 1st floor). The talk will be held in German. Admittance is free of charge.

We can easily put new information into our memories - and we can learn that past learning content is no longer valid. Once acquired contents are not forgotten, but temporarily overridden by a new learning process. The Collaborative Research Centre 1280 at the Ruhr-Universität Bochum deals with this so-called extinction learning. In my talk, I introduce this learning concept and use selected experiments from the Department of Biopsychology to explain how we explore the complex processes of extinction learning - with the help of domestic pigeons.

The BRAIN CAFÉ talks are hosted by Collaborative Research Centre 874 “Integration and Representation of Sensory Processes”. The interdisciplinary research consortium has been funded by the Deutsche Forschungsgemeinschaft since 2010 to investigate how sensory information is processed in the brain. In the monthly BRAIN CAFÉs neuroscientists give an insight into their research in entertaining talks aimed at the interested layperson. Admittance to the BRAIN CAFÉ is free of charge. We ask that you sign up, if you wish to participate via sfb874-pr@rub.de or 0234-32-26675.

BRAIN CAFÉ, 26.06.2019, 6 p.m., RUB University Library (Room 9, 1st Floor), Admittance free of charge, sign up for participation: sfb874-pr@rub.de or 0234-32-26675.