



## Animal Behavior: Verhaltensbiologisches Seminar

*Daily activity and navigation in the leopard tortoise (*Stigmochelys pardalis*)*

### MSc talk

Speaker:	<b>Seija-Mari Filli</b> Animal Behaviour
Date/Time:	Wednesday, 2017-11-08 16:15 to 17:15
Place:	Y25-G-11/UZH Irchel Winterthurerstr. 190; 8057 Zürich
Access:	only intern
Host:	Prof. Marta Manser

### Abstract:

Description: In my master project I will look at the daily activity and navigation of the leopard tortoise. The leopard tortoise inhabits a harsh environment and has to adapt this extreme habitat. The project will be carried out at the Kuruman River Reserve in the Southern Kalahari, South Africa. To gain an insight on the daily activity and movement of the individuals they are equipped with GPS tags and behavioural observations are performed. I want to know if the activity and the movements are stable over the summer season or if a change can be observed. In a second part I will look at the navigation behaviour of the tortoise with an experiment. In this experiment new water sources with a corresponding landmark are introduced. The visits of the tortoise are observed and the relationship between the water source and the landmark will be investigated with changes in the experimental setup. This could give an insight on how tortoises perceive their environment and how they navigate to known locations.