

## PRELIMINARY PROGRAM

### MONDAY

10:00 – 10:30 Welcome & Where to?

10:30 – 12:30 5-min talks\*

Very short presentation of your research

12:30 – 13:30 Lunch

13:30 – 14:00 About the ecological station

The manager of the ecological station in Gülpe, Ralf Mühle, gives an introduction into the history and a first glimpse of the Brandenburg landscape.

14:00 – 18:00 Discussion block I\*

#### Implications for sampling (methods & design)

There is a great amount of sampling methods and designs for earthworms as well as for soil hydraulic/hydrological properties. Both are afflicted with uncertainties and the problems of handling variability at different scales in earthworm distribution, abundance, and in soil hydraulic properties become even more challenging when focusing on feedbacks between earthworms and soil hydrology.

19:00 Dinner

20:30 Drinks and Socializing

### TUESDAY

08:00 – 09:00 Breakfast

09:00 – 13:00 Discussion block II\*

#### Spatial patterns of earthworms & their dynamics

Even if earthworm studies are performed since several decades, modeling studies that explicitly include earthworms and their environment are still rare. Statistical approaches, as species distribution modeling, are state of the art, but the applicability of these methods in context with ecosystem engineering is limited. Here we want to discuss the chances for statistical, but also for individual- and process-based earthworm models and the explicit link to the earthworm's environment.

13:00 – 15:00 Lunch & Excursion

After lunch, we plan a bird-watching excursion to the close Lake Gülpe.

15:00 – 18:00 Discussion block III\*

#### Macropore flow

Macropore flow is an often observed phenomenon under different soil moisture conditions and influences water transport from the plot to catchment scale. Appropriate modeling approaches are still a hot-topic, especially the parameterization of macropore flow and its upscaling from plot to slope or field scale.

18:30 Dinner

20:30 Drinks and Socializing

### WEDNESDAY

08:00-9:00 Breakfast

9:00 – 12:30 Discussion block IV\*

#### Feedbacks & integrated modeling

Bringing together earthworms and soil hydrological processes on several spatiotemporal scales

12:30 – 13:30 Lunch

13:30 – 17:00 Summarizing & paper planning\*

Discussion blocks are summarized and time for additional comments will be given. Afterwards, we will make a time schedule and split our responsibilities for the paper.

17:00 Farewell & departure

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\* A coffee break is included.