

Oberseminar Brain and Cognition, winter semester 2008:

Oscillations in the brain.

19-20 December, Hansastrasse 9a, BCCN lecture hall.

Friday 19/12/2008:

9H00: Welcome to the participants

1. Mathematical Foundation of Oscillations **9H15**
Oliver Weihberger

2. Oscillation Generation by Intrinsic Cell Properties **10H00**
Chikako Nakajima

10H45: Pause

3. Oscillation Generation by Microcircuits **11H00**
Steffen Kandler

4. Emergence of Oscillatory Behavior in Randomly Connected Neuronal Networks **11H45**
Daniel Steinbrenner

12H30: Lunch

5. Phase Precession in Hippocampal Place Cells **14H00**
Laura Eichstädter

6. Grid Cells as an Example for Spatial Oscillations **14H45**
Theresa Pohlkamp

15H30: Pause

7. Activity Unleashed: Epilepsy and Hippocampal Oscillations **15H45**
Anja Nörenberg

8. Central Pattern Generators **16H30**
Laura Steller

17H15: End of day.

Saturday 20/12/2008

9. The Circadian Rhythm 9H15
Bastian Hablitzel

10. Slow Wave Sleep 10H00
Jörg Weiss

10H45: Pause

11. Sleep Spindles 11H00
Elizabeth Bouché

12. Oscillations and Awareness 11H45
Mario Christov

12H30: End of the meeting