



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

Collaborative Research Center 870
Sonderforschungsbereich 870
Assembly and Function of Neuronal Circuits



SFB 870 Retreat 2015

September 30th – October 1st, 2015, Monastery Seon
Klosterweg 1, 83370 Seon

Day 1, Wednesday, September 30th, Festsaal

7:50 Meet in front of the LMU-Biocenter
8:00 Departure (bus “Rippl Reisen”)
ca. 9:30 Arrival to Monastery Seon, Check-In and Refreshments
9:50 Registration at Lambertisaal
10:00 – 10:10 Welcome: Benedikt Grothe

10:10 – 11:00 *Session I, Part I: Sensory-motor interactions*

10:10 – 10:25	Ilona Grunwald Kadow (A04) “Chemosensory processing and decision-making in <i>Drosophila</i> ”
10:25 – 10:40	Alex Mauss (B07) “Neural circuit to integrate opposing motions in the visual field”
10:40 – 11:00	Hans Straka (B12) “Impact of locomotor corollary discharge on mechanosensory signal encoding”

11:00 – 11:20 *Refreshments (Lambertigang)*

11:20 – 12:20 *Session I, Part II: Sensory-motor interactions*

11:20 – 11:35	Andreas Herz (B15) “Burst generation in a neuronal circuit coding for space: Mechanism and potential function”
11:35 – 11:50	Alessandro Filosa (B16) “Seeing the world on an empty stomach”
11:50 – 12:05	Israel Nelken (B18) “Circuit dissection of cortical responses to sounds: layer- and neuronal type-specific responses”
12:05 – 12:20	Discussion Session I

12:20 – 12:30 *Refreshments (Lambertigang)*

12:30 – 13:00 *Session II, Part I: Axon function & myelination*

12:30 – 12:45	Jaime Eugenin (A09) “Influence of physical activity on the proliferation and differentiation of NG2-glia in the adult brain”
12:45 – 13:00	James Sinclair (A10) “Post natal refinement of conduction velocity in trapezoid body fibres”

13:00 – 14:00 *Lunch (Tagungsrestaurant)*



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14:00 – 15:30 *Group 1: Monastery Seeon guided tour led by Ms. Wittmann in English*
Group 2: Monastery Seeon guided tour led by Mr. Lincke in German
Meeting point: reception

15:30 – 17:30 **Poster session I and Refreshments (Lambertisaal and Lambertigang)**

17:30 – 18:15 **Session II, Part II: Axon function & myelination**

17:30 – 17:45	Alexander Callan (B01) “Voltage-gated potassium channels in the medial superior olive”
17:45 – 18:00	Benedikt Grothe (B02) “Axonal specializations for speed and accuracy”
18:00 – 18:15	Discussion Session II

18:15 – 18:25 *Refreshments (Lambertigang)*

18:25 – 18:55 **Session III, Part I: Plasticity & regeneration**

18:25 – 18:40	Florence Bareyre (A05) “Regulation of axonal remodeling following spinal cord injury”
18:40 – 19:00	Jovica Ninkovic (A03, A06, A12) “Functional recovery of injured neuronal circuits in the Vertebrate brains”

19:00 – *Dinner (Gotischer Keller und Vorraum der Gaststube)*

Day 2, Thursday, October 1st, Festsaal

07:30 – 9:00 *Breakfast (Tagungsrestaurant)*

9:00 – 11:00 **Poster session II and Refreshments (Lambertisaal and Lambertigang)**

11:00 – 11:35 **Session III, Part II: Plasticity & regeneration**

11:00 – 11:20	Pieter Goltstein (A08) “Visual category learning as a paradigm for studying associative memory in mice”
11:20 – 11:35	Volker Scheuss (A08) “Circuit analysis in mouse visual cortex”

11:35 – 11:45 *Refreshments (Lambertigang)*

11:45 – 12:20	Session III, Part III: Plasticity & regeneration
11:45 – 12:05	Christian Wahl-Schott (B05, B10) “Role of HCN channels in neuronal network oscillations”
12:05 – 12:20	Discussion Session III

12:20 – 12:30 Closing Remarks: Benedikt Grothe

12:30 – 13:30 *Lunch (Tagungsrestaurant)*

14:00 Departure (parking lot in front of Monastery Seeon)