

Circuits and Behavior in Tuscany

Dates:

Arrival (evening): **Monday August 30th 2021**

Departure (after/noon): **Saturday September, 4th 2021**

The purpose of the meeting is to bring together an international group of scientists who share an interest in understanding the interplay of sensory processing, circuit dynamics and the generation of behavior in the insect and vertebrate brain.

A specific focus is on the recording and manipulation of large groups of neurons in an awake and behaving animal.

We want to emphasize and encourage open discussion, the sharing of data and specifically applaud the presentation of ongoing projects rather than published results.

Location: Montecastelli Pisano

For directions etc go to http://it.wikipedia.org/wiki/Montecastelli_Pisano

Schedule

	Tue	Wed	Thu	Fri
Breakfast (9:00- 10:30)				
Morning (10:30-11:50)	Symposium Round Table Interception The Heart	4xTalk	4xTalk	4xTalk
Lunch Afternoon 1 (15:00-16:00)	3xTalk	Breakout groups Open discussion	Breakout groups at Romitorio Pizza party	break-out discussion groups
Break Afternoon 2 (16:30-17:30)	3xTalk			
Dinner/Break Plenary (21:00-22:00)	Introduction	Plenary	Plenary	Concert

Monday

12:00 – 17:00: Arrival

18:30 – 20:00: Dinner

21:00 – 22:00 (Boston time 3:00pm -4:00pm)
Welcome and Introductory Remarks- Florian Engert

Tuesday

10:00 – 11:50 (Boston time 4:00am-5:50am) - Round table on ANS and heart

10:00 – 11:50 (**Boston time 4:00am-5:50am**): Discussants :

Mark Fishman, Virginia Rutten, Florian Engert, Misha Ahrens

----- Lunch -----

15:00 – 16:00 (Boston time 9:00am-10:00am) (Chair: Florian Engert) –Anatomy and Function

15:00 – 15:20 (**Boston time 9:00am-9:20am**) Joseph Donovan

15:20 – 15:40 (**Boston time 9:20am-9:40am**) Vohra Sumit

15:40 – 16:00 (**Boston time 9:40am-10:00am**) Kat Boit

----- Break -----

16:30 – 16:50 (**Boston time 10:30am -10:50am**) Gregor Schuhknecht

16:50 – 17:10: Buffer

17:10 – 17:30: Buffer

----- Dinner -----

21:00 – 22:00 (Boston time 3:00pm -4:00pm)

Sean Escola – Learning in corticothalamic circuits

Wednesday

10:30 – 11:50 (Boston time 4:30am-5:50am) (Chair: Katrin Vogt) – Zebrafish in Konstanz

10:30 – 10:50 **(Boston time 4:30am-4:50am)** Armin Bahl

10:50 – 11:10 **(Boston time 4:50am-5:10am)** Maite Börsig

11:10 – 11:30 **(Boston time 5:10am-5:30am)** Katja Slangwal

11:30 – 11:50 **(Boston time 5:30am-5:50am)** Max Capelle

----- Lunch -----

Breakout Sessions – free time

----- Dinner -----

21:00 – 22:00 (Boston time 3:00pm -4:00pm)

Marie-Abele Bind – All the things biologists get wrong in statistics

Thursday

10:00 – 11:50 (Boston time 4:00am-5:50am) (Chair: Katja Slangwal) – Circuits in other animals

10:00 – 10:20: **(Boston time 4:00am-4:20am)**Jonatan Malis

10:20 – 10:40 **(Boston time 4:20am-4:40am)**Yannick Günzel

10:40 – 11:00 **(Boston time 4:40am-5:00am)**Alina Hebling

--Break--

11:10 – 11:30 **(Boston time 5:10am-5:30am)**Katrin Vogt

11:30 – 11:50 **(Boston time 5:30am-5:50am)**Nikolai Hörmann

----- Lunch -----

Locate to Romitorio

Pizza Party

21:00 – 22:00 (Boston time 3:00pm -4:00pm)
Saul Kato – Lessons from the Worm

Friday

10:30 – 11:50 (Boston time 4:30am-5:50am) (Chair: Virginia Rutten) – zebrafish beyond the neurons

10:30 – 10:50 **(Boston time 4:30am-4:50am)** Alex Chen (Glia et al)

10:50 – 11:10 **(Boston time 4:50am-5:10am)** Farhana Akter (Glioblastoma)

11:10 – 11:30 **(Boston time 5:10am-5:30am)** Marc Duque Ramirez

11:30 – 11:50 **(Boston time 5:30am-5:50am)** Javier How

12:00 – 12:45 (Boston time 6:00am-6:45am)

Philipp Bonhoeffer – Building Violins or The fragility of innovation or ??

----- Lunch -----

Free Time

----- Dinner -----

21:00 – 22:00:

Concert

Saturday

Departure

Confirmed Speakers – Titles of talks:

Bind, MA	
Akter, Farhana	
Bahl, Armin	
Börsig, Maite	Whole-brain activity characterization of social representation in larval zebrafish
Boit, Kat	
Capelle, Max	Investigating spatial-decision making using positive phototaxis in Zebrafish larvae
Chen, Alex	
Donovan, Joseph	Atlas Version Control
Dupre, Christophe	NA
Duque Ramirez, Marc	
Engert, Florian	Monday evening talk, ANS and Heart - Round table
Escola, Sean	Learning in corticalthalamic circuits
Fishman, Mark	ANS and Heart - Round table
Günzel, Yannick	From sensing to decision-making in locust groups
Habelt, Luca	NA
Hebling, Alina	
Hoermann, Nikolai	Dendritic development of motion-sensing neurons in Drosophila
How, Javier	Transfer learning in larval zebrafish
Kato, Saul	
Malis, Jonatan	Cellular and Molecular implementation of a Reichardt detector
Reilly, Charles	NA
Rutten, Virginia	ANS and Heart - Round table
Schuhknecht, Gregor	Relating structure and function of the swim decision-making circuit in the zebrafish hindbrain
Slangewal, Katja	How are different visual cues integrated in the zebrafish decision making circuit
Tseng, Sierra	NA
Vogt, Katrin	State-dependent modulation of larval behavior in Drosophila
Vohra, Sumit	A multiscale atlas of the larval zebrafish's brain and analysis tools.
Weiss, Jodi	NA