

Montecastelli 2022 (www.neurotuscan.com)

Arrival (evening): **Sunday June 26th 2022**

Departure (anytime): **Friday July, 1st 2022**

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.

This year's meeting has two special interest sections:

- 1) The reciprocal exchange of information between the body, the brain and the world
- 2) Fallacies in Neuroscience – a discussion on where neuroscience as a field might have taken the wrong turn with respect to focus and investment.

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

Covid:

We require proof of full vaccination for attendance. Please be prepared to show what's necessary on arrival. We'll try to have all events outside where possible, and encourage people to wear masks inside. Also, we should have enough antigen tests on site so everyone can test themselves every day.

Shuttle:

We'll try everything we can to meet you at an acceptable time at your arrival airport. In order to do that we need to have your arrival flight information on file. Please provide this to Romana at rp@scienceandmusic.com and enter it into the spreadsheet at

<https://docs.google.com/spreadsheets/d/1mtuf5sBOVNtpIsd3XxMo-MbdtkJGbmKrxep6xIN8-JI/edit?usp=sharing>

If you miss, for any reason, the meeting point or if anything goes awry then you need to find your own way to Montecastelli: You can try any of the following links - or rent a car.

<https://www.yourdriverinflorence.com/>

<https://www.tuscanprivatedriver.it/it/>

<https://www.transervicelimousine.com/transfer-per-firenze/>

Schedule

	Mon	Tue	Wed	Thu
Breakfast (9:00 - 10:30)				
Morning (10:30 - 11:50)	Mark Fishman Panel	Team Talk (Heart and ANS) Ben James	Florian Engert Fallacies in Neuroscience Panel	5 x Talks
Lunch				Philipp Bonhoeffer The Montecastelli Project
Afternoon (15:00 - 16:00)	3 x Talks		Pizza Party	
Break		Free Time	Romitorio	Free Time
Afternoon (16:30 - 17:30)	3 x Talks			
Dinner				
Plenary	Misha Ahrens	Markus Meister	Florian Engert	Concert

Sunday

12:00 – 22:00: Arrival

18:30 – 20:00: Dinner

Monday

10:30 – 11:50 - Introduction to the ANS and the heart

10:30 – 11:30: Mark Fishman: The ANS and the Heart

11:30 – 11:50: Panel discussion: Florian Engert, Misha Ahrens, Mark Fishman

----- **Lunch** -----

15:00 – 16:00: (Chair: Florian Engert) – The heart and the mind: CNS – ANS - ICNS

15:00 – 15:20: Luis Hernandez Nunez (zoom)

15:20 – 15:40: Virginia Rutten (zoom)

15:40 – 16:00: Kristian Herrera

----- **Break** -----

16:30 – 16:50: Jonathan Boulanger (towards a connectome of the heart)

16:50 – 17:10: Vohra Sumit (a complete brain body Atlas)

17:10 – 17:30: buffer

----- **Dinner** -----

21:00 – 22:00: Misha Ahrens – TBD (maybe something about 4D cellular physiology?)

Tuesday

10:30 – 11:50 (Chair: Alina Hebling) – The heart (continued)

_Team presentation: Erin Song, Deepti Rajan, Piper Ireland, Kate Condra, Stephan Foianini, Tyler Masuyama, Nadine Oury

I was hoping that “Team Heart” could self-organize in a similar manner that they did for the ANS meeting?

10:30 – 11:30: Distribute as needed 😊

11:30 – 11:50: Benjamin James – “The gut brain axis in zebrafish”

----- Lunch -----

Breakout Sessions – free time

----- Dinner -----

21:00 – 22:00: Markus Meister - TBD (Principles/Fallacies of Neuroscience ?)

Wednesday

10:00 – 11:50 (Chair: Florian Engert/ Markus Meister) Fallacies in Neuroscience

10:00 – 10:30: Florian Engert et al., various problems in current approaches

10:30 – 11:00: Kristian Herrera - **The “don’t panic” channel in vision and olfaction**

----- Break -----

11:10 – 11:50: Florian Engert, Markus Meister, Misha Ahrens, Ben James

Panel Discussion on Fallacies in Neuroscience

----- Lunch -----

Locate to Romitorio

Pizza Party

21:00 – 22:00:

Florian Engert – A case against big data

Thursday

10:00 – 11:50 (Chair:)

10:00 – 10:20: Alex Chen

10:20 – 10:40 Marc Duque

10:40 – 11:00: Moritz Stingl/Charles Reilly (7 + 3 minutes each)

----- Break -----

11:10 – 11:30: Alina Hebling

11:30 – 11:50: Gregor Schuhknecht

12:00 – 12:45 Philipp Bonhoeffer – “The Montecastelli Project”

----- Lunch -----

Free Time

----- Dinner -----

21:00 – 22:00:

Concert

